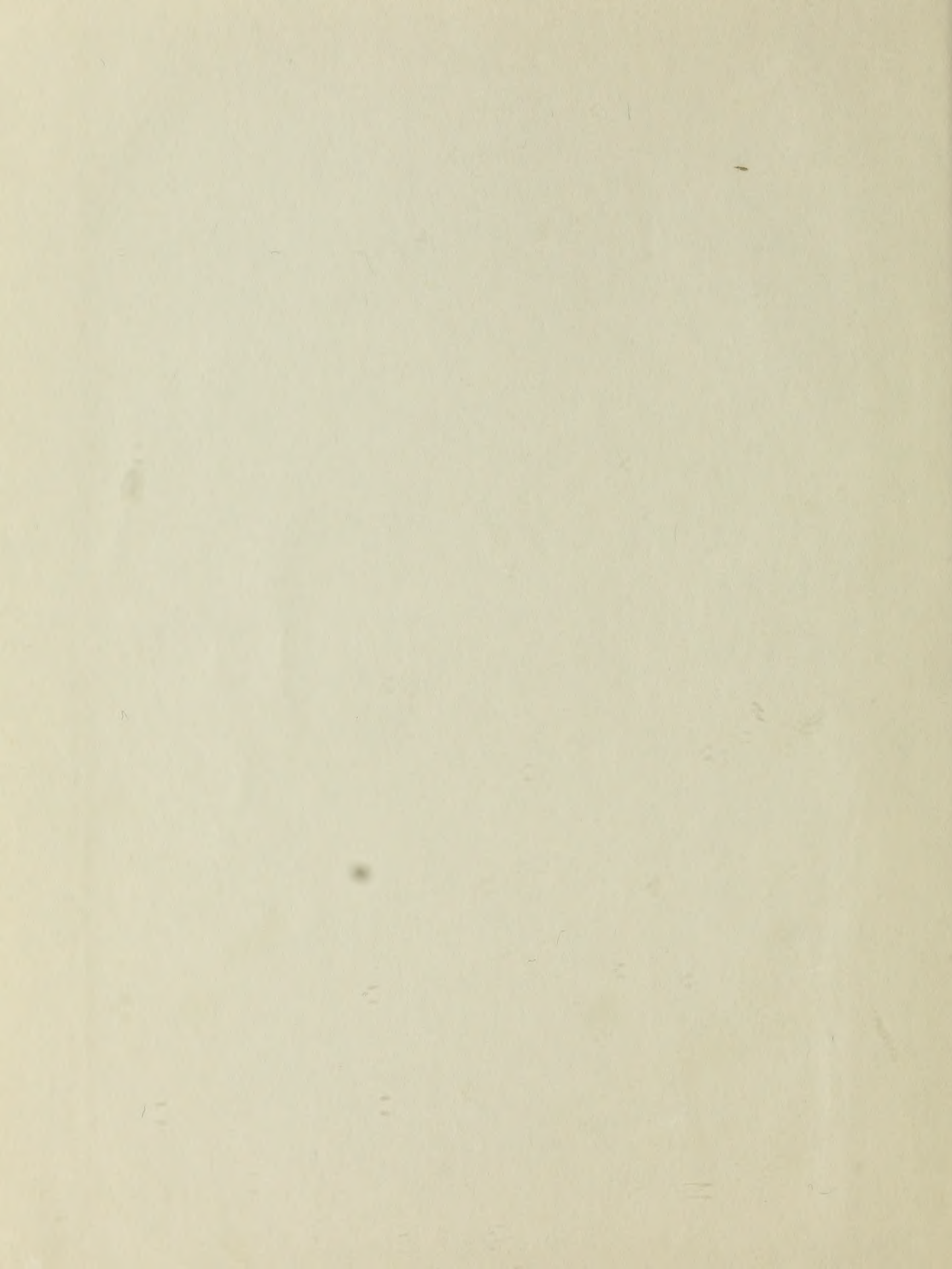


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U. S. DEPARTMENT OF COMMERCE

CHARLES SAWYER, Secretary

WEATHER BUREAU

F. W. REICHELDERFER, Chief

CLIMATOLOGICAL DATA

ALABAMA

JANUARY 1949

Volume LV No. 1



A. R. Long, Section Director - Montgomery

General Summary

Nearly twice the normal amount of rain fell in the Northern Division this month, but in the Southern Division and much of the Middle Division, totals were nearly 2 inches less than normal. On the 3d to the 5th, general rains gave particularly heavy accumulations along a strip extending from upper Marengo County north-eastward through DeKalb and Jackson Counties, and over most of the area north of the Warrior River. At Trafford, at the northern tip of Jefferson County, a total of 9.06 inches was reported for the 48 hour period ending on the morning of the 5th. There were 11.25 inches of rain at Winfield, in lower Marion County, during the 3 day period ending at the same time. After the 5th, sunshine prevailed and there was no rain of consequence until the 17th. From the 17th until the end of the month, precipitation occurred almost daily over much of the north, but was infrequent and light in some southeastern areas and on the coast. Showers on the 17-18th and 21-22d were rather heavy along a strip extending from Lamar County northeastward through Madison County.

On the night of the 30-31st, light snow fell over most of the north, and there was a small amount of sleet and freezing rain in the central and southern portions of the State.

Mild weather this winter has been persistent, and the State mean temperature for January was 7.7° above normal. It was rather cold on the 1st and again on the last 3 days, but otherwise visitations by air cooler than normal were brief and infrequent. Afternoon temperatures were exceptionally high on the 10th and 11th. The majority of Northern Division stations had maximum readings as high as 80° or above, and a maximum of 85° was reported at 4 stations in the Middle and Southern Divisions. The highs of 81° at Birmingham, 83° at the Montgomery City Office, and 83° at Mobile City Office, all on the 11th, were the highest ever recorded at those stations in January, and it is likely that at the majority of substations the highest temperatures this January were higher than any readings in the past three quarters of a century would have been under comparable thermometer exposure conditions.

No severe local wind or hail storms were reported.

Flood stages were equalled or exceeded at nearly all stations in the Alabama watershed and on the Warrior and Tombigbee Rivers, and there was slight flooding in the lower Choctawhatchee. Overflowing on the Warrior was very severe. A stage of 64.4 feet at Tuscaloosa was only 0.02 foot lower than the highest stage ever previously recorded.

The cold weather which began on the 29th gave farmers who were without cold storage facilities the first opportunity of the winter to kill large hogs. The ground remained too wet in the north and in some central areas to begin breaking for spring planting, but elsewhere normal progress was made in farm work. A large portion of the coastal Irish potato crop was planted, and some were coming up as the month ended. Oats, cover and pasture crops, and garden greens, had become rather tender from abnormal growth throughout the winter, but were not hurt by the frosts at the end of the month. Due to the better than normal grazing, as a result of warm weather, cattle continued in correspondingly good condition. It was, however, too wet most of the month for cattle to run on cultivated pasturage in the north.

FCP

TEMPERATURE

The monthly mean temperature for the State, determined from the records of 58 stations, was 54.3°, or 7.7° above the normal. The highest local monthly mean was 60.3° at Robertsedale; the lowest was 47.7° at Madison. The highest temperature recorded was 85° at Bay Minette on the afternoon of the 10th and at 3 other stations on the 11th. The lowest was 15° at Madison on the 30th, making the monthly range for the State 70°.

PRECIPITATION

The monthly average for the State, determined from the records of 57 stations, was 6.58 inches, of 1.51 inches more than the normal. The greatest monthly amount was 18.88 inches at Winfield; the least was 2.09 inches at Robertsedale. The greatest amount of precipitation in any observational day was 6.70 inches at Oneonta measured on the morning of the 5th. Precipitation amounting to 0.01 inch or more fell on an average of 10 days.

ACKNOWLEDGMENTS

In addition to the climatological data from some 6,000 Weather Bureau and cooperative weather stations, this bulletin series contains records from Hydroclimatic Network Stations which were formerly reproduced in the Hydrologic Bulletin Series. The Hydroclimatic Network is a nationwide net of rain gages--mostly of the recording type which produce continuous records of precipitation. It was established in 1939 at the request of the Corps of Engineers, Department of the Army, to supplement existing precipitation stations in order to provide records of rainfall intensity which were essential to the planning of flood control and related works by the Corps of Engineers. This Network, now numbering about 2,000 recording, and 1,000 non-recording rain gages, has been maintained by the Weather Bureau through working funds transferred annually to the Weather Bureau by the Corps of Engineers. These transfers averaged about \$250,000 per year between 1940 and 1944, and nearly \$375,000 since that date. For the years 1940-42, the Department of Agriculture transferred about \$100,000 per year to provide data required in its work, and since 1947 the Bureau of Reclamation has transferred about \$25,000 per year to meet the increasing needs of their program in the Western States.

Previous to the introduction of this bulletin series, data from Hydroclimatic Network stations were presented in bulletins (Hydrologic Bulletins) which were issued monthly for each of 8 drainage areas embracing the entire United States, but since the Network was established to meet the internal requirements of the Federal agencies referred to above, no provision was made for public dissemination of the data, distribution being limited to co-operating agencies and to certain public repositories. A list of locations where reference copies of the Hydrologic Bulletin Series are available for inspection may be obtained upon application to Chief, U.S. Weather Bureau, Washington 25, D.C.

Many other records published in this bulletin have been made available through the cooperation of various public office, private agencies, and individuals as listed in the Station Index.

PRESSURE, WIND, HUMIDITY, SUNSHINE, DEGREE DAYS

ALABAMA
JANUARY 1949

Station	Sea level pressure extremes—_inches				Wind speed—m. p. h.				Relative humidity average —percent				Sunshine	
	Highest	Date	Lowest	Date	Average	Maximum	Direction of maximum	Date of maximum					Percent of possible	Degree days 65° base
ANNISTON WB AIRPORT	30.49	29	29.87	27	7.6	32	SE	27	80				-	387
BIRMINGHAM WB AIRPORT	30.51	29	29.84	27	8.8	38	W	18	79				25	393
MOBILE WB CITY	30.47†	29	29.86†	3	12.7	37	SE	18	82†				42	210
MONTGOMERY WB CITY	30.45†	29	29.91†	27	7.6	22	S	18	78†				44	274
† AIRPORT DATA														

COMPARATIVE DATA

Table 1

Year	Temperature			Precipitation			No. of days .01 or more
	Average	Highest	Lowest	Average			
1884	38.8	74	4	5.58		-	
1885	43.2	76	7	8.77		10	
1886	37.3	72	-7	7.05		7	
1887	43.5	77	1	4.17		6	
1888	46.1	78	10	4.76		10	
1889	46.0	81	15	6.06		10	
1890	56.1	84	17	3.13		7	
1891	45.4	80	18	5.51		11	
1892	41.4	77	10	7.75		8	
1893	40.5	79	-8	2.68		4	
1894	50.1	82	3	4.60		10	
1895	44.1	81	1	7.41		12	
1896	44.5	78	9	4.22		7	
1897	43.0	83	-7	3.53		7	
1898	49.8	88	11	4.04		10	
1899	44.8	81	10	5.66		11	
1900	44.4	74	6	3.33		6	
1901	46.5	75	19	5.20		8	
1902	43.6	76	10	3.82		8	
1903	44.0	84	10	3.57		8	
1904	42.1	73	9	4.27		8	
1905	39.5	77	1	5.24		8	
1906	47.6	80	15	4.66		9	
1907	54.7	84	13	2.19		6	
1908	44.7	78	10	4.33		9	
1909	50.4	82	3	2.09		7	
1910	45.9	79	7	3.53		6	
1911	50.9	82	-2	4.23		7	
1912	40.8	79	-6	6.03		8	
1913	52.2	86	19	6.12		11	
1914	48.0	82	16	2.19		5	
1915	43.7	81	15	6.17		9	
1916	52.9	84	6	3.97		8	
1917	50.6	84	13	6.60		14	
1918	38.2	79	-17	7.35		10	
1919	44.5	77	-11	5.84		9	
1920	48.0	81	10	6.80		12	
1921	50.0	79	18	3.23		7	
1922	47.4	79	15	7.06		13	
1923	52.1	81	23	4.00		8	
1924	41.8	75	-2	6.67		8	
1925	48.4	82	14	9.67		12	
1926	45.3	77	13	8.23		10	
1927	49.2	85	4	1.14		4	
1928	45.0	81	-2	1.57		5	
1929	48.9	84	13	5.67		10	
1930	46.0	82	1	4.45		8	
1931	45.0	78	11	3.11		6	
1932	53.5	83	18	7.20		10	
1933	52.6	81	18	3.17		7	
1934	50.2	79	5	3.71		9	
1935	48.8	81	7	2.53		7	
1936	45.7	80	-11	12.34		13	
1937	58.7	86	22	8.54		16	
1938	48.1	81	11	3.39		9	
1939	51.0	80	21	4.81		10	
1940	34.2	75	-16	4.34		8	
1941	48.1	79	17	2.74		7	
1942	43.3	78	0	3.37		6	
1943	49.4	85	11	4.07		7	
1944	47.1	83	1	3.62		8	
1945	46.9	77	13	4.00		9	
1946	48.4	80	11	8.42		13	
1947	51.1	83	17	10.07		16	
1948	40.4	77	1	4.52		11	
1949	54.3	85	15	6.58			
Period	46.6	88	-17	5.07			

CLIMATOLOGICAL DATA

ALABAMA
JANUARY 1949

Table 2

Station	Temperature								Precipitation									
	Average	Departure from normal	Highest	Date	Lowest	Date	No. of days		Total	Departure from normal	Greatest day	Date	Snow, Sleet, Hail			No. of days		
							Max. 90° or above	Min. 32° or below					Total	Max. depth on ground	Date	.01 or more	.25 or more	1.00 or more
NORTHERN DIVISION																		
ALBERTVILLE 1 MILE S	48.2M	4.5	77	12	21	1+	10	9.11	3.96	4.07	5	1.0	1	31	14	8	1	
ANNISTON	54.0M	9.4	80	10+	18	1	7	6.19	1.04	2.07	5	T	T	30	14	5	3	
ANNISTON WB AIRPORT	52.6	-	80	10+	18	1	7	5.89	-	2.10	5	T			11	5	2	
BIRMINGHAM WB AIRPORT	52.6	9.7	81	10	20	1	7	11.00	5.48	3.77	5	1.0	1	30	11	8	2	
BIRMINGHAM WB CITY	53.5	8.4	83	11	23	1	6	11.61	6.09	5.49	5	0.5	T	31	14	9	1	
CORDOVA	53.1	8.1	82	11	17	1	8	8.23	3.04	2.27	5	1.0	T	31	9	8	4	
DECATUR	50.1	7.7	75	11	19	30	8	12.98	8.35	2.78	5	2.0	2	31	15	9	5	
PAYETTE	51.5	-	84	11	18	1	10	13.49	8.29	3.52	4	3.3	2	31	16	8	6	
GADSDEN	49.8	6.2	80	11+	18	1	8	11.74	6.56	5.60	5	1.3	T	31	11	8	4	
GOODWATER	53.5	7.8	81	11	21	1	7	5.96	0.69	2.09	5				11	6	2	
HALEYVILLE	49.6	-	80	11	19	30+	9	17.77	-	2.58	3				13	9	6	
HUNTSVILLE	48.9	-	77	10	18	1	9	8.75	4.02	1.94	3	2.0	2	30	15	9	4	
LOCK NO 4	51.3	6.2	79	11	19	1	8	7.76	2.40	3.48	5				9	7	3	
MADISON	47.7	5.5	79	11	15	30	10	14.02	9.39	3.92	5	2.0	T	31	16	10	6	
MUSCLE SHOALS	49.3M	7.4	80	10	16	30	7	10.86	6.00	3.01	3	3.0	3	30	13	9	3	
ONEONTA	50.4	7.6	80	11+	19	2	10	13.02	7.76	6.70	5				10	8	3	
ROCK MILLS	52.5	-	83	12	23	1	10	4.18	- 0.82	1.24	31				8	7	1	
SCOTTSBORO	50.0	7.3	81	11	19	1	9	10.90	6.08	3.85	5	2.5	2	31	14	9	3	
TALLADEGA	52.8	6.7	80	11	17	1	8	4.93	0.03	1.52	6	T			9	5	2	
TUSCALOOSA AIRPORT	54.2	8.9	82	10	20	1	7	6.66	1.59	1.67	4	0.7	T	30	11	7	4	
UNIVERSITY	53.6M	8.3	80	10+	22	1	5	7.24	2.17	2.05	4	2.0	2	30	11	7	3	
VALLEY HEAD	49.2M	8.3	77	11	17	2	6	10.84	5.99	4.00	5	2.5	T	31	11	10	1	
DIVISION	51.3							9.69				1.1						
MIDDLE DIVISION																		
ALEXANDER CITY 6 MILES NE	52.3	-	81	11+	18	1	9	5.81	-	2.00	5				8	7	2	
AUBURN	53.8	5.6	81	12	22	1	5	4.08	- 0.52	1.51	31				10	5	2	
CENTREVILLE	-	-	82	25	29	31		-	-	-								
CLANTON	53.1	6.6	84	12	23	1	8	5.48	0.28	2.08	5				10	7	1	
DAYTON	56.2	-	80	12	25	1+	4	3.83	-	1.11	5				10	4	1	
EUFULA	56.4	8.1	85	12	24	1	5	4.89	0.54	1.89	6				6	6	2	
GREENSBORO	55.8M	8.9	82	12	22	1	6	8.26	3.31	4.07	4				10	7	1	
GREENVILLE	56.3	7.4	83	12	24	1	4	3.80	- 0.71	0.84	31				9	7		
HIGHLAND HOME	55.8	5.7	84	12	25	1	4	3.89	- 0.82	-					6			
LA PAYETTE	54.3	-	84	12	23	1	7	4.34	-	-					7			
LIVINGSTON	57.1M	11.7	82	11				4.56	0.03	-					13			
MONTGOMERY WB AIRPORT	56.2	-	83	11	26	1	4	3.90	-	1.39	4	T			12	5	2	
MONTGOMERY WB CITY	57.0	8.8	83	11	29	1	3	4.12	- 1.08	1.90	4	T			11	4	2	
PRATTVILLE	54.3	6.1	81	12	24	1	6	3.64	- 1.30	1.24	5				8	5	1	
PUSEMATAHA	56.5M	7.9						-	-	-			T	31				
SELMA	55.7	6.3	82	12	26	1	4	4.51	- 0.17	2.12	5				8	4	2	
THOMASVILLE	56.5	8.0	84	12	22	30	6	5.08	0.07	1.71	4				10	5	3	
TROY	56.6	5.5	83	12	29	1+	3	3.62	- 1.17	0.98	6				8	5		
TUSKEGEE	59.3	10.1	82	11	25	1	2	2.23	- 2.05	1.10	31				6	3	1	
UNION SPRINGS	56.3	8.2	82	12	26	1	2	3.64	- 0.86	1.09	31				9	6	1	
WETUMPKA	54.8	6.1	78	11+	25	1+	4	5.41	0.85	2.58	5				8	4	2	
DIVISION	55.7							4.48										
SOUTHERN DIVISION																		
ANDALUSIA	57.0M	-	84	12	26	1	3	3.80	-	1.28	6				7	6	1	
ATHORE STATE FARM	57.9	-	84	12	27	1	4	3.45	-	0.81	31				6	6		
BAY MINETTE	59.7	6.8	85	11	30	30	2	3.80	- 0.73	0.76	4				7	7		
BREWTON 3 MILES SSE	58.0	8.5	85	12	21	1	6	3.78	- 0.92	1.67	6				10	4	1	
CITRONELLE	58.7	6.2	82	12	28	31	3	3.07	- 2.03	0.60	19				9	7		
DOTHAN CAA AIRPORT	58.8	-	83	11	25	1	2	5.12	0.63	1.73	5				9	5	2	
EVERGREEN	57.2M	6.6	83	12	22	1	4	3.81	- 0.69	1.07	6				8	7	1	
FAIRHOPE	59.8	6.6	80	24	29	1	3	2.22	- 1.94	0.49	5				10	4		
FRISCO CITY	57.7	-	85	12	25	1	4	4.28	- 0.22	1.14	5				7	7	1	
GENEVA	58.4	-	83	12	24	1	2	4.21	- 0.34	1.44	6				7	5	2	
LOCKHART	59.3	-	84	12	28	1	3	3.40	-	1.50	6				8	5	1	
MOBILE WB AIRPORT	58.6	-	84	11	28	1	4	3.13	-	0.67	17	T			12	7		
MOBILE WB CITY	59.4	7.9	83	11	31	31	3	2.52	- 2.33	0.93	5				11	5		
OZARK	57.0	6.2	84	12	27	1	4	4.94	0.49	1.90	6				7	5	2	
ROBERTSDALE 7 MILES E	60.3	-	82	11	31	31	3	2.09	- 2.62	0.58	6				11	3		
SPRING HILL	59.3M	7.3	84	12	30	1+	3	3.05	- 1.32	0.92	27				8	5		
DIVISION	58.6							3.54										
STATE	54.3							6.58										

See reference notes following Station Index.

ALABAMA
JANUARY 1949

Station

See reference notes following Station Index

ALABAMA
JANUARY 1949

[illegible]

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HOURLY PRECIPITATION

ALABAMA
JANUARY 1949

Table 4

Station	A. M. Hour ending												P. M. Hour ending												Total		
	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12			
-1st-																											
PORT PAYNE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
LOCK NO 1 //	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
NEW BROCKTON	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
RIVER FALLS 2 MILES NE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
-2d-																											
ADDISON									.02	.04	.04	.02	.01	.03	.12	.27	.04	.15	.08	.01	.04	.01	.02	.11	.06	.48	
BELGREEN														.04	.01	.15	.34	.03	.10	.01	.05	.04	.01	.02	.08	.07	
BERRY																		.01	.01	.01	.03	.03	.01	.06	.09	.18	
BEKAR 2 MILES SE																		.01	.01	.01	.01	.01	.01	.06	.09	.18	
BOAZ																		.01	.01	.01	.01	.01	.01	.06	.09	.18	
FLAT ROCK																		.01	.01	.01	.01	.01	.01	.06	.09	.18	
GUNTERSVILLE REC																		.04	.03	.03	.05	.05	.12	.11	.11	.99	
HALEYVILLE																		.02	.02	.02	.02	.02	.05	.02	.01	.42	
MOULTON																		.03	.01	.03	.01	.05	.01	.02	.01	.16	
MUSCLE SHOALS 6																		.03	.01	.03	.01	.05	.01	.02	.01	.16	
PAINT ROCK																		.02	.05	.01	.02	.01	.06	.04	.11	.10	.01
TONEY																		.02	.05	.01	.02	.01	.06	.04	.11	.10	.01
VERNON																		.02	.05	.01	.02	.01	.06	.04	.11	.10	.01
-3d-																											
ADDISON	.04		.13	.05	.03	.09	.04	.44	.40	.46	.12	.09	.17	.15	.07		.01	.02			.01	.01	.01	.01		2.35	
ANNISTON WB AIRPORT 6																											
ASHLAND //																		.01	.29	.01	.01	.02	.01	.05	.01	.09	.50
ATMORE STATE FARM																										.07	
BELGREEN	.09	.15	.31	.51	.32	.26	.36	.24	.28	.26	.14	.01	.20	.09								.01	.01	.01	.01	.15	3.23
BERRY																		.01	.29	.01	.01	.02	.01	.05	.01	.09	.50
BEKAR 2 MILES SE	.11	.45	.25	.35	.30	.40	.25	.22	.15	.10	.07	.08	.06	.01	.01							.01	.01	.01	.01	.15	3.23
BIRMINGHAM WB AIRPORT																										.90	
BOAZ																										1.28	
DADEVILLE NO 2																										.06	
EUTAW LOCK NO 7																										.07	
FLAT ROCK																										.80	
GARDEN CITY	.01						.07	.03	.18	.01			.20	.27	.04											1.73	
GUNTERSVILLE REC																										1.21	
HALEYVILLE	.15	.08	.38	.05	.15	.10	.13	.07	.13	.12	.23	.07														3.11	
JACKSONVILLE //																										.29	
LAY DAM																										.28	
MOBILE WB AIRPORT 6																											
MOBILE WB CITY																										.04	
MOULTON	.04	.46	.40	.13	.17	.24	.64	.30	.18	.11	.04	.07	.11													3.00	
MUSCLE SHOALS 6	.35	*	*	*	*	*	1.40	*	*	*	*	*	1.30	*	*	*	*	*	*	.11							
PAINT ROCK	.08			.22	.10	.18	.19	.09		.42	.20	.21		.08	.08	.02				.28	*	*	*	*	*	1.87	
THORSBY 1 MILE SW																										.11	
TONEY	.02	.27	.30	.40	.26	.44	.50	.21	.03	.17	.02	.08	.09	.01												2.80	
TRAFFORD										.30	.44	.33	.23	.37			.16	.01			.22					2.06	
TUSCALOOSA AIRPORT 6							.03	*	*	*	*	*	*	*	*	*	*	*	*								
UNIVERSITY													.02	.04	.01											.13	
VERNON	.03	.18	.04	.08	.13	.47	.59	.30	.86	.52	.19	.22	.64	.30	.04	.09	.11		.05	.01						4.79	
-4th-																											
ABBEVILLE												.04	.09	.01	.05	.25	.30									.74	
ADDISON		.01	.05	.02	.04	.04	*	*	.04	.02	.01	.04	.13	.01	.11	.08	.08			.04	.02	.33	.07	.30	1.44		
ANNISTON WB AIRPORT 6	.02	*	*	*	*	.06	*	*	*	*	*	.26	*	*	*	*	*	1.14	*	*	*	*	*	*			
ASHLAND //	.20	.05	.01	.06	*				.01	.06	.16	.23	.40	.10	.22	.16	.01	.03	.05	.06	.06	.04	*	.04	1.95		
ATMORE STATE FARM				.01	.10	.02	.01	.02	.02				.10	.12	.03										.44		
AUBURN 4 MILES N										.05			.06	.04	.09	.02	.04	.02							.32		
BELGREEN				.12									.02	.38	.21	.32	.27	.58	.08	.10	.02		.01	.08	.02	2.21	
BERRY	.01												.10	.01	.03	.02	.05	.12				.02	.01	.04	.51		
BEKAR 2 MILES SE	.01	.01	.24	.01	.01		.06	.05		.05	.04	.41	.29	.31	.08	.07	.28	.02	.03	.01	.02	.05	.03	2.02			
BIRMINGHAM WB AIRPORT				.02			.06	.40	.05	.02	.10	.07	.02	.03	.28	.40	.19	.12	.38	.11	.19	.27	.07	2.78			
BOAZ							.05	*	*	.02	.04	.05	.35	.11	.25	.24	.18	.24	.28	.17	.09	.29	.31	2.67			
CAMPBELL							*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*			
DADEVILLE NO 2	.02									.10	.12	.20	.30	.08	.02	.20	.20	.05	.03	.06		.02			1.40		
DOTHAN CAA AIRPORT										.11	.09	.11	.44	.04	.01										.16		
EUTAW LOCK NO 7													.01	.30	.01			.20	.05	.01	.34	.45	.04	.16	1.58		
FLAT ROCK													.09	.05	.15	.22	.08	.30	.10	.17	.13	.12	.18	.16	1.75		
PORT PAYNE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	.30	.26	.34	.23	.19	.15	.17	.18	-		
GARDEN CITY			.02	.01				.05				.04	.09		.15	.16	.03	.01	.16	.32	.41	.71	.84	.62	3.62		
GREENVILLE NO 2							.47			.38			.17		.04					.01					1.07		
GUNTERSVILLE REC								.01		.01			.08	.12	.04	.08	.13	.16	.07	.22	.28	.22	.29	.31	.30	2.32	
HALEYVILLE	.01	.09	.56	.10	.08	.01	.03	.01				.03	.12	.12	.48	.05	.05	.37	1.25	.58	.32	.20	.12	4.77			
JACKSONVILLE //		.08	.03			.02	.02		.01			.03	.10	.10	.32	.20	.08	.16	.20	.11	.03	.12	.03		1.64		
LAY DAM									.02	.15	.18	.09	.10	.01	.01	.08	.01	.05	.20	.04	.05				.99		
MAGNOLIA													.08	.01	.01				.03	.01	*	*	*	*	.14		
MARION 1 MILE SSE							.09	.29	.01	.01			.09	.51	*	*	*	*	*	*	*	*	*	*	*		
MIDWAY								.01	.03	.04	.09	.03				.01	.08	.01							.30		
MOBILE WB AIRPORT 6	*	*	*	*	*	*	.09			*	*	*	1.20	*	*	*	*	*	*	.16	*	*	*	*		.03	
MOBILE WB CITY				.03						.02	.19	.31	.78	.20	.05	.22	.06										
MONTGOMERY WB AIRPORT 6																											

ALABAMA
JANUARY 1949

Station	A. M. Hour ending												P. M. Hour ending												Total
	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	
FLAT ROCK	.16	.08	.20	.20	.24	.16	.10	.03	.07	.24	.16	.03			.04	.03	.07	.03							1.84
PORT MORGAN //								.01	.02						.02	.16	.02	.02	.03		.06				.34
PORT PAYNE	.10	.13	.23	.32	.24	.16	.12	.28		.14	.35	.11	.05	.01	.08										2.32
GARDEN CITY	.16	.03	.04	.08	.04	.27	.14	.18	.04	.02	.02	.01													1.03
GREENVILLE NO 2	.88	.37	.25	.23	.10		.27	.48	.02	.02			.10								.01				.41
GUNTERSVILLE REC	.15	.52	.03	.02	.01	.16	.07																		2.62
HALEYVILLE		.01	.04	.01	.07	.03	.03	.18	.04	.02	.04	.02	.28	.12		.40	.10	.02						1.06	
JACKSONVILLE //					.13	.02	.19	.05	.05	.28	.06					.01					.01				1.41
LAY DAM					.01	.01	.17	.09	.02	.04	.01	.04	.34	.02	.02		.09	.54	.01			.01		.80	
MAGNOLIA																							.01	1.41	
MIDWAY								.12	*	*	.20	.26	.49	.01	.15	.25	*	*	*	.09				.93	
MOBILE WB AIRPORT 6		*	*	*	*	*	.12	*	*	*	.20	.26	.49	.01	.15	.25	*	*	*	.09				1.41	
MOBILE WB CITY			.01		.02	.08	.49	*	.01	.01	.02	.10	.02	.16	.01		*	*	*	.06				.80	
MONTGOMERY WB AIRPORT 6	.03	*	*	*	*	*	.01	*	*	*	*	*	*	*	*	*	*	*	*	.06				1.41	
MONTGOMERY WB CITY																								.93	
MOULTON	.20	.24	.03	.01	.04	.11	.10	.03	.03	.03	.09						.06	.01						.27	
MUSCLE SHOALS 6	.18	*	*	*	*	*	.63										.05							.81	
PAINT ROCK	.20	.19	.31	.11	.29	.39	.31	.47	.32	.07	.02													2.68	
PETERMAN			.03	.02	.04		.01	.10	.05	.01	.08						.27	.03						.64	
PLEASANT HILL			.01	.04	.05	.01	.17			.02	.03						.08	.09						.50	
THORSBY 1 MILE SW		.01	.01	.02	.15	.02	.18	.11	.08	.10	.01	.02		.01			.07	.01						.80	
TONEY	.01	.03	.37	.04	.47	.02	.28	.10	.02	.09	.02	.04	.03											1.34	
TRAFFORD	.98	.98	.13	.07	.04	.34	.14	.05	.35	.09	.02	.04	.03	.15	.15	.01				.01	.01	.01		3.26	
TROT							.14	*	*	*	*	*	*	.66										1.19	
TUSCALOOSA AIRPORT 6	.12	.02		.02	.02	.09	.03	.02	.20	.29	.11	.14	.05											1.12	
UNIVERSITY	.50	.02		.02	.16	.24	.13	.03																	

See reference notes following Station Index.

HOURLY PRECIPITATION

ALABAMA
JANUARY 1949

Table 4--Continued

Station	A. M. Hour ending												P. M. Hour ending												Total	
	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12		
PORT PAYNE	.01																		.01	.18	.38	.15			.73	
GARDEN CITY		.01	.01	.01									.04	.05			.09	.04	.48	.23	.02				.98	
GREENVILLE NO 2																			.09	.01	.69	.01	.01		.81	
GUNTERVILLE REC													.04	.06	*	*	.04	*	.18	.68	.09				1.09	
HALEYVILLE	.01	.01	.01	*	*	*	.03						*	*	*	*	*	*	*	*	*	*	.76		.82	
JACKSONVILLE //																					.06	.30	.16		.52	
LAY DAM																			.54	.06	.01	.01	.01		.63	
MAGNOLIA										.12			.03	.05			.65								.85	
MARION 1 MILE SSE																	.01	.07	.80						.88	
MIDWAY	.10																								.10	
MOBILE WB AIRPORT 6	.61												*	*	*	*	*	*	.25	*	*	*	*	*	.35	
MONTEGOMERY WB AIRPORT 6																		.17	.18	*	*	*	*	*		
MONTEGOMERY WB CITY				.01																*	*	.27	.10	.03		
MOULTON						.02	.12												.36	.02	.01				.53	
MUSCLE SHOALS 6	.03												*	*	*	*	*	*	*	.40					.64	
NEW BROCKTON																							.35	.29		
PAINT ROCK													.03	.02					.09	.31	.10				.55	
PETERMAN																			.40	.10					.50	
PLEASANT HILL																			.25	.07		.02			.34	
THORSBY 1 MILE SW	.01	.01																							.02	
TONEY													.08				.84	.12							1.04	
TRAFFORD													.01	.04			.07	.01	.74	.09	.01	.01	.22	.10	.98	
TROY															*	*	*	*	1.03	*	*	*	*	*	.70	
TUSCALOOSA AIRPORT 6																.06	.09	.95	.01	.01					1.12	
UNIVERSITY																.01	.57	.04							.67	
VERNON	.01	.01	.01		.01	.01																				
-19th-																										
ABBEVILLE	.25	.20	.06	.03																					.54	
ANNISTON WB AIRPORT 6	.51	*	*	*	*	.01	.03	.01																	.05	
ATMORE STATE FARM																									.07	
AUBURN 4 MILES N	.07																								1.31	
BELGREEN	*	*	*	*	*	*	1.54		.82																1.54	
CAMPBELL	*	*	*	*	*	*																			.04	
DADEVILLE NO 2	.01	.01							.01				.01												.15	
MIDWAY				.02	.04	.09																				
MOBILE WB AIRPORT 6	.02	*	*	*	*	*	.03																		.02	
MONTEGOMERY WB AIRPORT 6	.43	*	*	*	*	*	.02																		.08	
MONTEGOMERY WB CITY						.02																			.05	
MOULTON							.08																		.11	
NEW BROCKTON	.03				.02																		.10	.01		
PETERMAN			.02	.03																					.05	
THORSBY 1 MILE SW																									.05	
TUSCALOOSA AIRPORT 6	*	.04																							.11	
-20th-																										
ASHLAND //																				.01		.03	.01		.37	
CAMPBELL																							.01		.01	
DADEVILLE NO 2																				.01		.03	.01		.05	
LAY DAM																									.02	
MONTEGOMERY WB AIRPORT 6													*	*	*	*	*	*	.06	*	*	*	*	*	.04	
MONTEGOMERY WB CITY													*	*	*	*	*	.02	.02						.12	
PLEASANT HILL													*	*	*	*	*	.12							.08	
THORSBY 1 MILE SW	.06	.01	.01																	.12						
-21st-																										
ADDISON	*	*	*	*	*	*	*	*	*	*	*	*	2.99	.08	.08	.20	.13	.06	.23	.22	.14	.07	.01	*	5.71	
ANNISTON WB AIRPORT 6																			*	*	*	*	*	*	.09	
ASHLAND //	.05		.04																						2.42	
BELGREEN							.11	.34	.36	.28	.12	.18	.12	.10	.01	.09	.10	.14	.16	.15	.11	.04	.01		1.41	
BERRY										.01	.07	.05	.09	.21	.07	.07	.03	.04	.13	.34	.19	.09	.02		2.75	
BEXAR 2 MILES SE					.20	.39	.36	.14	.26	.23	.21	.07	.04	.14	.24	.16	.09	.13	.07	.02					.76	
BIRMINGHAM WB AIRPORT			.04	.04																						

ALABAMA
JANUARY 1949

Station	A. M. Hour ending												P. M. Hour ending												Total
	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	
-23d-																									
ADDISON	.06				.01	.01		.01	.01		.02	.02	.01												.15
BERRY	.02																								.02
CAMPBELL						.01	.02			.01															.04
FLAT ROCK	.01		.02																						.03
PORT PAYNE	.01	.01																							.02
GUNTERSVILLE REC	.02																								.02
HALEYVILLE	.06	.10			.01	.02	.04																		.23
TONKY	.02	.09																							.11
TUSCALOOSA AIRPORT 6	.02												.03												.01
UNIVERSITY								.01			.01	.01	.01												.04
VERNON	.01							.01	.03																.05
-25th-																									
ADDISON																							.01	.04	.05
BELGREEN																				.01			.04	.03	.07
BEXAR 2 MILES SE																						.01	.01	.03	.05
CAMPBELL																									.18
FLAT ROCK									.07	.10	.01														.04
PORT PAYNE					.01	.01	.02																		.04
GARDEN CITY			.01	.03	.01	.02		.01																	.07
GUNTERSVILLE REC				.09																					.10
HALEYVILLE																							.08	.08	
MOULTON																								*	
MUSCLE SHOALS 6						.12	.18	*	*	*	*	*	.04												.30
PAINT ROCK																									.02
TRAYFORD	.01	.01				.12	.18	*	*	*	*	*	.04												.40
VERNON				.05	.14	.01		.15						.01	.01	.02	.01								
-26th-																									
ADDISON	.08	.01							.01	.02	.13			.01	.02	.01	.01					.05	.01	.01	.30
ATMORE STATE FARM																.21	.06								.35
BELGREEN	.01				.01	.01	.08	.01	.01	.01	.01	.01	.01	.01	.04	.04	.01								.24
BEXAR 2 MILES SE	.03	.02					.03	.01	.01	.05	.01			.01	.01	.02	.02			.01					.21

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ALABAMA
JANUARY 1949

Station	A. M. Hour ending												P. M. Hour ending												Total
	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	
-29th-																									
ABBEVILLE																				.02	.03	.01		.06	
ATMORE STATE FARM																				.07	.06	.05		.10	
DOTHAN CAA AIRPORT																				.03	.04	.02	.01	.16	
FORT MORGAN //																	.03	.01	.10	.02				.05	
MIDWAY																						.02	.03		
MOBILE WB AIRPORT 6													*	*	*	*	*	.06	*	*	*	*	*		
MOBILE WB CITY																	.04	.04	.06	.08	.08	.02	.01	.33	
MONTGOMERY WB AIRPORT 6																				*	*	*	*		
MONTGOMERY WB CITY																						.01	.03	.04	
TROY																						.03			
-30th-																									
ABBEVILLE	.03	.04	.06	.09	.07												.03	.07	.18	.14	.02	.01	.19	.93	
ADDISON													*	*	*	*		.64	*	*	*	*	.43	.43	
ANNISTON WB AIRPORT 6							*	*	*	*	.01	.01								*	*	*	*		
ASHLAND //											.01	.01	.04	.04	.10	.07	.08	.05	.02	.01	.01	.05	.09	.65	
ATMORE STATE F																									

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DAILY TEMPERATURES

ALABAMA
JANUARY 1949

Table 5

Station		Day of month																															Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
ALBERTVILLE 1 MI S	MAX	57	44	47	53	61	60	49	59		66	76	77	50	45	56	68	72	58	68	44	56	46		69	72	70	68	66	58	31	32	57.9
	MIN	21	21	35	45	47	32	32	30		38	37	46	38	38	45	45	48	45	40	29	30	41		44	56	57	59	41	29	22	26	38.5
ALEXANDER CTY 6 MI NE	MAX	44	51	54	58	64	67	52	54	66	75	81	81	66	61	63	70	75	73	71	56	60	59	67	72	72	71	75	71	64	39	36	63.5
	MIN	18	24	27	32	49	38	28	30	34	42	43	46	42	40	42	49	57	56	48	30	32	47	50	58	51	49	51	45	34	30	29	41.0
ANDALUSIA	MAX	50	55	66	65	66	75	50	55	69	72	82	84	75	67	73	74	78	72	75	70	59			79	80	76	78	75	60	41	45	67.8
	MIN	26	33	41	50	51	44	35	36	37	50	52	52	50	46	48	51	55	59	52	49	41			53	60	57	63	51	38	30	31	46.2
ANNISTON	MAX	50	51	60	64	67	54	63	71	74	80	80	63	56	62	70	76	71	74		62	51	60	74	75	76	74	72	65		39	40	64.6
	MIN	18	30	50	51	47	37	30	34	43	48	47	43	41	40	52	51	58	57	37	30	45	47	56	57	56	55	57	42	32	28	27	43.4
ANNISTON WB AIRPORT	MAX	48	51	59	64	66	51	63	70	74	80	80	61	55	61	71	75	70	74	57	60	50	59	73	74	76	73	70	63	40	38	38	62.7
	MIN	18	27	48	50	45	35	30	34	42	46	46	43	41	40	52	52	57	56	36	30	45	46	55	55	53	52	58	39	30	26	27	42.4
ATMORE STATE FARM	MAX	49	55	68	70	72	74	51	61	68	79	83	84	72	68	75	76	75	77	75	56	56	71	80	80	80	75	72	75	64	41	35	68.3
	MIN	27	28	37	64	62	45	33	33	39	42	51	54	51	49	50	53	64	50	38	38	56	63	62	62	62	58	60	53	37	29	30	47.4
AUBURN	MAX	39	51	55	59	63	67	50	61	65	77	79	81	69	62	66	70	73	74	73	58	58	56	69	67	71	73	74	71	60	42	38	63.6
	MIN	22	28	35	52	54	40	28	33	42	48	51	53	42	42	45	53	58	57	52	33	35	47	51	56	51	51	55	54	34	29	30	43.9
BAY MINETTE	MAX	57	69	71	72	73	53	60	69	78	82	85	74	67	77	74	77	76	75	70	48	72	79	79	79	75	74	73	70	55	36	36	68.9
	MIN	36	35	57	65	50	43	33	39	47	49	51	55	48	47	53	60	65	67	47	39	47	65	65	62	65	60	65	52	35	30	32	50.5
BIRMINGHAM WB AIRPORT	MAX	50	51	60	65	66	52	62	67	77	81	78	83	53	58	68	75	65	70	54	58	57	60	74	73	75	73	68	61	36	33	34	61.7
	MIN	20	31	49	55	42	35	30	36	52	47	49	43	42	44	48	54	48	54	34	28	47	53	56	58	60	60	53	36	27	24	27	43.3
BIRMINGHAM WB CITY	MAX	48	52	59	60	66	64	55	65	68	76	83	80	62	54	59	66	75	64	71	46	59	57	62	74	73	76	73	68	64	35	33	62.8
	MIN	23	26	42	54	58	33	34	36	47	55	55	51	41	41	51	53	45	48	40	29	31	49	55	61	62	60	61	44	33	24	24	44.1
BREWTON 3 MILES SSE	MAX	50	58	69	73	72	78	53	63	70	79	84	85	75	69	76	77	78	74	77	58	58	74	81	80	81	77	78	77	64	43	39	70.0
	MIN	21	22	45	64	66	46	30	32	36	42	44	45	47	43	43	47	55	62	53	41	42	57	60	57	60	52	59	52	39	31	32	46.0
CENTREVILLE	MAX	54	62	64	63	60	55	64	66	80	81	72	68	64	67	69	75	68	75	67	59	65	80	81	79	82	69	68	59	65	46	46	66.9
	MIN																																
CITRONELLE	MAX	47	55	62	70	73	71	57	61	69	79	81	82	72	67	76	74	75	78	75	54	58	72	77	77	78	73	74	74	65	43	33	67.8
	MIN	29	39	45	60	69	44	36	43	44	52	52	54	50	49	50	55	63	65	44	36	37	58	67	62	66	61	64	49	35	30	28	49.5
CLANTON	MAX	44	52	56	64	66	67	52	60	69	77	79	84	67	59	63	68	75	74	72	50	58	57	65	74	72	69	76	67	65	37	34	63.6
	MIN	23	24	36	56	52	38	30	30	36	46	46	47	41	42	45	46	49	59	44	31	31	49	55	59	60	55	55	44	34	27	27	42.5
CORDOVA	MAX	42	44	60	63	68	58	55	64	70	79	82	80	61	54	60	72	74	70	72	49	60	60	71	76	76	75	74	71	61</			

DAILY TEMPERATURES

ALABAMA
JANUARY 1949

Table 5-Continued

Station		Day of month																															Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
MONTGOMERY WB CITY	MAX MIN	52 29	60 38	64 52	66 57	71 46	52 43	63 37	68 42	78 50	81 54	83 56	70 53	63 44	65 48	71 48	77 53	74 60	74 58	58 41	52 36	59 51	76 57	76 60	77 60	73 61	76 59	74 65	63 46	44 34	39 30	38 30	65.7 48.3
MUSCLE SHOALS	MAX MIN	41 24	44 35	57 42	60 54	61 37	51 31	63 35	61 46	68 51	80 49	72 47	49 40	46 38	61 43	64 53	74 48	48 39	69 43	30 27	52 47	52 47	55 47	70 51	74 59	72 56	65 60	74 49	51 36	32 20	30 16	28 19	57.5 41.0
ONEONTA	MAX MIN	41 23	47 19	51 32	58 50	63 52	63 35	51 30	62 30	62 37	73 44	80 44	80 45	53 40	52 40	60 48	72 50	76 47	61 40	70 30	45 30	58 45	51 47	62 47	72 60	74 47	75 56	70 41	68 31	61 23	34 20	33 20	60.6 40.1
OZARK	MAX MIN	47 27	54 29	64 37	65 55	65 61	71 44	49 35	60 37	69 39	78 48	83 55	84 57	75 45	65 46	71 49	72 55	75 56	76 57	60 43	56 44	58 54	74 57	70 58	75 53	70 58	78 58	78 52	59 38	43 31	53 32	66.9 47.1	
PRATTVILLE	MAX MIN	46 24	51 27	60 32	64 49	68 58	69 42	48 33	60 32	67 39	74 46	78 47	81 51	68 44	66 45	65 45	68 46	76 53	74 58	74 47	53 35	55 40	60 43	72 50	76 59	74 57	72 52	73 55	74 48	64 36	41 30	40 30	64.9 43.6
PUSHMATAHA	MAX MIN									80 39	80 45	84 46	64 49	64 48	77 50	77 51	78 52	65 50	65 39	52 30	45 33	59 33	69 56	73 59	73 63	78 65	79 57	73 55	73 48	43 34	32 20	66.8 46.2	
ROBERTSDALE 7 MI E	MAX MIN	54 36	70 32	70 60	72 66	72 66	70 57	57 46	61 32	74 46	80 46	82 47	75 55	71 48	76 48	72 51	74 57	72 64	77 67	70 51	51 41	72 50	74 63	77 62	78 64	76 61	74 65	76 51	73 39	56 34	47 31	69.0 51.6	
ROCK MILLS	MAX MIN	44 23	52 24	53 30	59 47	63 48	67 41	52 29	64 30	68 31	74 43	81 44	83 44	68 43	64 41	66 45	72 45	72 52	74 52	75 49	59 32	61 31	52 45	63 46	74 52	73 49	73 49	74 50	62 34	29 30	36 30	64.3 40.6	
SAINT BERNARD	MAX MIN	40 30	48 37	52 57	56 65	65 67	50 45	52 36	64 40	65 50	75 51	80 56		44 50	50 46	58 46	70 46																
SCOTTSBORO	MAX MIN	34 19	45 26	50 41	54 68	63 51	68 30	53 29	63 32	63 40	68 44	81 44	79 40	47 39	58 37	62 45	70 48	73 48	69 39	69 29	55 40	49 40	50 45	57 46	65 53	75 54	68 56	67 50	60 34	34 21	40 27	59.7 40.3	
SELMA	MAX MIN	47 26	51 27	61 38	67 59	70 60	70 42	54 34	64 34	69 38	76 48	80 50	82 51	65 46	60 47	67 49	68 50	73 53	71 46	76 34	52 30	55 42	60 52	60 60	60 60	78 60	75 56	77 47	70 36	66 30	41 29	65.8 45.6	
SPRING HILL	MAX MIN	54 30	68 37	70 57	73 65	72 67	56 45	62 36	69 40		82 51	84 56	75 50	69 45	78 48	72 50	75 61	76 65	68 47	54 40	65 44	68 63	68 65	75 64	72 64	74 61	70 64	73 48	66 39	39 30	67.6 51.0		
TALLADEGA	MAX MIN	46 17	51 22	55 38	62 53	65 53	52 37	63 27	68 27	76 34	80 45	79 47	62 42	57 40	63 49	73 51	76 59	70 56	71 44	53 30	62 30	56 47	67 52	74 60	74 55	75 53	68 53	64 40	39 34	36 27	63.8 41.8		
THOMASVILLE	MAX MIN	45 25	55 26	67 48	71 61	71 65	71 40	56 33	64 34	68 41	80 55	81 57	84 51	61 48	64 48	72 51	75 53	76 60	67 53	75 43	56 31	70 30	77 55	78 64	79 60	75 59	75 59	72 45	65 33	38 22	32 24	66.7 46.3	
TROT	MAX MIN	38 29	52 30	63 41	67 57	72 60	50 42	50 36	60 38	69 46	80 55	82 58	83 56	69 45	63 47	68 48	72 50	76 56	74 57	75 38	57 46	54 53	59 57	69 58	76 55	74 55	78 49	74 36	60 26	43 29	65.6 47.5		
TUSCALOOSA AIRPORT	MAX MIN	54 20	55 32	64 51	68 58	68 44	56 34	65 29	67 35	77 49	82 46	81 47	62 49	62 41	68 47	73 53	77 47	67 52	73 36	53 30	59 56	58 56	65 56	77 62	77 62	75 53	75 53	63 40	39 34	35 24	64.6 43.8		
TUSKEGEE	MAX MIN	52 25	69 42	76 51	63 55	73 62	65 42	61 34	70 35	78 44	81 50	82 52	78 54	69 45	66 46	70 52	77 47	77 60	76 51	74 33	58 50	70 33	75 54	82 68	76 60	78 54	73 55	63 40	41 37	40 31	69.4 49.2		
UNION SPRINGS	MAX MIN	41 26		59 48	64 57	65 59	72 40	48 34	58 37	68 45	78 50	81 52	82 54	71 44	61 44	60 50	72 53	70 60	75 57	71 36	58 41	52 50	57 56	75 60	72 55	75 55	77 60	74 49	61 34	41 25	65.2 47.4		
UNIVERSITY	MAX MIN	50 22	53 34	64 52	68 59	68 44	55 37	62 32	65 38	75 52	80 50	80 49	61 41	60 49	65 51	70 54	75 54																
VALLEY HEAD	MAX MIN	39 18	41 17	52 36	52 45	59 49	61 30	61 25	66 36	68 42	77 46	77 45	50 36	55 36	55 40	65 48	65 49	60 41	71 41	65 39	60 41	56 45	62 45	62 53	71 54	71 55	72 37	70 39	59 22	40 24	58.7 39.7		
WETUMPKA	MAX MIN	46 25	52 25	58 33	62 57	67 55	69 43	52 35	61 34	65 40	71 46	78 48	78 48	70 45	61 45	68 47	70 49	74 51	74 60	75 51	56 35	55 35	60 52	72 53	75 61	74 57	72 55	73 54	65 36	42 30	40 32	64.8 44.8	

EVAPORATION AND WIND MOVEMENT

Table 6

ALABAMA
JANUARY 1949

Station		Day of month																															Total	Departure from normal
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
AUBURN	EVAP WIND	.100 46	.058 28	.049 52	.045 78	.006 109	.164 65	.096 35	.072 24	.101 20	.055 12	.096 21	.125 24	.094 52	.119 26	.036 23	.092 42	.096 43	.105 52	.152 116	.139 71	.068 59	.146 39	.34 42	.71 49	.649 32	.075 12	.077 44	.126 129	.147 75	.09 85	.18 65	2.643	
FATHOPF	EVAP WIND	.042 15	.142 58	.020 69	.022 55	.042 58	.106 24	.062 8	.038 8	.054 9	.104 14	.070 14	.090 27	.084 36	.050 6	.058 15	.048 30	.048 36	.084 71	.132 57	.026 42	.008 44	.059 11	.066 42	.088 19	.076 12	.015 15	.018 27	.052 39	.084 79	.118 79	.026 79	1.722	

STATION INDEX

ALABAMA
JANUARY 1949

Station	Index No.	County	Drainage	Latitude	Longitude	Elevation	Temp	Precip	Observer	Refer to tables	Station	Index No.	County	Drainage	Latitude	Longitude	Elevation	Temp	Precip	Observer	Refer to tables
ABBEVILLE	0069	HENRY	4	31 34 85 15					MID J. P. MITCHELL	3 4	LOCK NO 3	4840	CHOCTAW	13	32 17 88 01	33				7A U. S. ENGINEERS	3
ADDITION	0063	WINSTON	2	34 13 87 10		1500			MID PALMER GOSNEY	3 4	LOCK NO 4	4845	TALLADEGA	7	35 38 86 11	51				7A U. S. ENGINEERS	2 3 5
ADDITION CENTRAL TOWER	0071	LAWRENCE	2	34 25 87 19					7A U. S. F.S.		LOCK NO 17	4855	TUSCALOOSA	3	33 29 87 20	280				7A U. S. ENGINEERS	2 3 5
ALABAMA STATE FARM	0140	WILCOX	2	32 14 87 52		660			ALAB. POLY. INST.		LOCK NO 18	4856	MADISON	12	34 42 86 45	373				7A U. S. ENGINEERS	2 3 5
ALBERTVILLE 1 MI S	0148	MARSHALL	12	34 10 86 13		1114			8A SIDNEY J. HARDY, SR.	2 3 5	MAGELLA	4996	JEFFERSON	3	33 30 86 51	654				7A ALABAMA POWER CO.	3
ALBANY CITY 6 MI NE	0163	TALLAPOOSA	11	32 50 85 52		660			8A PAT H. COOKINGTON	2 3 5	MAGNOLIA	5004	MARION	1	32 08 87 39	263				MID DR. T. R. GAILLARD	3 4
ALBUQUERQUE 6 MI NE	0178	PICKENS	12	34 08 86 10					7A F. E. BLACKWOOD	2 3 5	MARION 1 MILE SSE	5108	PERRY	3	32 37 87 18	263				8A G. WYRON HOLIFIELD	3 4
ANDALUSIA	0252	COVINGTON	6	31 10 86 30		346			7A ROSIE PHILLIPS	2 3 5	MARTIN JUNCTION	5118	DALLAS	3	32 28 87 14	204				7A MRS. MARGARET SMITH	3
ANISTON	0267	CALHOUN	7	33 40 85 50		724			6P WM. M. GARRETT	2 3 5	MARTIN DAM	5140	TALLAPOOSA	11	32 40 85 55	340				7A ALABAMA POWER CO.	3
ANISTON WB AIRPORT	0272	CALHOUN	7	33 35 85 51					6P U.S. WEATHER BUREAU	2 3 5	MARTEL FIELD	5202	MONTGOMERY	1	32 29 86 35	165				MID MID U.S. ARMY AIR FORCES	2 3 5
ASLEY	0338	WINSTON	2	34 04 87 12					MID U.S. WEATHER BUREAU	2 3 4 5	MELVIN	5354	CROXTON	1	31 56 86 27					7A JOHN R. LAND	3
ASELAND	0369	CLAY	11	33 16 85 50					7A MRS. LESSIE HILLER	3 4	METTS 2 MILES E	5382	BIBB	3	32 53 87 20					8A USFS	3
ASHEVILLE	0377	ST. CLAIR	7	33 50 86 16		880			MID HENRY L. MC QUEEN	2 3 4 5	MILBURN	5397	BULLOCK	4	32 04 85 32					7A JOHN W. HALL	3
ATERS	0390	LIMESTONE	12	34 34 86 59		709			8A MRS. B. C. BANKS	3 4	MILLERS FERRY	5417	WILCOX	1	32 08 87 22	78				8A NORMAN D. WILLIAMS	3
ATKORE STATE FARM	0402	ESCAMBIA	8	31 10 87 29					6P ATMORE STATE FARM	2 3 4 5	MILTON	5427	WASHINGTON	13	31 38 88 19	362				6P RALPH M. BLOUNT	2 3 5
AUBURN	0422	LEE	11	32 36 85 30		732			8A MRS. MARTHA L. MOORE	2 3 5 6	MILWADE	5439	MACON	11	32 27 85 54	206				8A T. C. CARL	3
AUBURN 4 MILES N	0427	LEE	11	32 36 85 29					7A MRS. L. HICKS	3 4	MITCHELL DAM	5465	CHILTON	7	32 48 86 27	350				7A ALABAMA POWER CO.	3
AUTAGAUGA	0440	AUTAGAUGA	1	31 26 86 30					8A J. B. NEIGHBORS	2 3 5	MOBILE WB AIRPORT	5478	MOBILE	9	30 43 88 12					MID MID U.S. WEATHER BUREAU	2 3 4 5
BARTON	0546	COLBERT	12	34 43 87 52		463			7A TWA-462	3 4	MONTE SANO	5529	MADISON	12	34 45 86 31	1650				7A TWA-530	3
BAY NINETTE	0583	BALDWIN	9	30 53 87 47		268			7P GROVER W. WOODWARD	3 5	MONTVALLO	5537	SHELBY	3	33 06 86 53	462				8A M. P. JETER	3
BEATRICE	0616	MORRIS	1	31 44 87 13					7A W. P. DUNN	2 3 4	MONTGOMERY WB CITY	5550	MONTGOMERY	1	32 18 86 23	198				MID MID U.S. WEATHER BUREAU	2 3 4 5
BELOIR	0631	FRANKLIN	12	34 87 52		910			MID TWA-43	3 4	MONTGOMERY WB AIRPORT	5553	MONTGOMERY	1	32 18 86 18	301				MID U.S. WEATHER BUREAU	2 3 4 5
BEKAR	0748	PAYETTE	2	33 40 87 36					MID MISS CLARA R. OLIVE	3 4	MOUTON	5625	LAWRENCE	12	34 29 87 17	310				MID TWA-381	3
BEKAR 2 MILES SE	0790	MARION	1	32 14 88 09					MID WM. H. WHITEHEAD	3 4	MUSCLE SHOALS	5749	COLBERT	12	34 44 87 36	540				MID MID CAL	2 3 5
BIRMINGHAM WB AIRPORT	0831	JEFFERSON	2	33 34 86 45		610			7A MRS. T. L. GALLMAN	3 4	NEARBY	5847	FRANKLIN	12	34 29 87 35	660				MID E. EARL BOYETT	3 4
BIRMINGHAM WB CITY	0836	JEFFERSON	2	33 32 86 50		694			MID U.S. WEATHER BUREAU	2 3 4 5	NEWARK	5862	MADISON	12	34 56 86 26	725				7A TWA-624	3
BLOOM	0850	COVINGTON	6	31 38 86 05		470			8A MRS. CARRIE B. HORTON	2 3 5	NEWTON	5870	COFFEE	5	31 20 87 37	316				10 TURN WYNN	3
BOAZ	0957	MARSHALL	2	34 13 86 10					7A W. L. DOOLEY	3 4	ONMONTA	6121	BLOUNT	2	33 57 86 30	875				7P L. L. E. SELLERS	2 3
BRAWLEY	1069	CHENOWETH	6	31 35 86 16		284			8A R. E. WENDERSON	3 5	ORVILLE	6161	DALLAS	1	32 18 87 14	200				8A EDWARD B. WARREN	3
BRENTON 3 MILES SSE	1084	ESCAMBIA	8	31 04 87 03		85			6P MRS. CLARA T. PEAVY	2 3 5	OSARK	6218	DALLAS	5	31 23 85 39	400				7A MRS. MARY E. SCOTT	2 3 5
BRIDGEPORT 2 MILES W	1099	JACKSON	12	34 56 85 44		660			5P MISS M. LOUISE JONES	3 4	PAINT ROCK	6226	JACKSON	12	34 40 86 20	610				MID TWA-69	3 4
BROOKS	1107	CHENOWETH	6	31 35 86 49		255			7A MRS. T. L. HICKS	3 4	PATTE	6243	JEFFERSON	12	34 13 88 09	204				8A ROBERT P. STORES	3
CALERA	1288	SHELBY	3	33 06 86 45		500			8A L. & N. R. AUSTIN	3 4	PERKINSVILLE	6362	PERRY	3	32 37 87 08					7A MRS. CENTRUE GREEN	3
CAMPBELL	1315	CLARK	1	31 55 87 59					MID E. DOUGLAS REID	3 4	PETERMAN	6370	MONROE	1	31 35 87 16					MID MRS. WINTA EDWARDS	3 4
CANTLEY	1327	WALKER	12	33 40 87 32		430			7A MISS MARY C. RAY	3 4	PICKENSVILLE	6443	PICKENS	12	34 27 88 09					7A MRS. DONA L. CLAY	3
CENTER HILL	1492	MORGAN	12	34 23 86 38		700			7A U.S. DEPT. INTERIOR	3 4	PINE HILL	6460	WILCOX	1	31 59 87 36	110				8A AUBREY T. WEAVER	3
CENTER STAR	1497	LAUDERDALE	12	34 49 87 25		600			7A TWA-521	3 4	PINE LEVEL	6466	MONTGOMERY	6	32 04 86 04					7A C. W. ADAMS	3
CENTREVILLE	1500	BIBB	3	32 57 87 08		430			8A TWA-521	3 4	PLANTERSVILLE	6508	DALLAS	1	32 38 86 58					7A M. P. JETER	3
CHILDERSBURG	1615	TALLADEGA	7	33 17 86 21		540			8A ALABAMA POWER CO.	3 4	PLANTERSVILLE	6528	DALLAS	1	32 09 86 38					MID CHARLES W. HENRY	3 4
CITRONELLE	1685	MOBILE	9	31 05 88 14		331			6P B. O. JONES	2 3 5	PRATTVILLE	6640	AUTAGAUGA	1	32 28 86 28	281				6P J. R. BUCKER	2 3 5
CLANTON	1694	CHILTON	7	32 51 86 38		590			7A HUGH M. SIMPSON	2 3 5	PRIMOORE FARM	6684	AUTAGAUGA	1	32 20 86 15	180				8A W. E. ELDERBURY	3
CLAYTON	1725	HARBOUR	5	31 53 87 27		794			7A CARL J. ROEBUCK	3 4	PUMPHATANIA	6719	CHOCTAW	13	32 18 88 21					6P MRS. JAMIE C. BROWN	2 3 5
COFFEE SPRINGS	1807	GENEVA	5	31 10 86 35		255			8A C. B. ANDERSON	3 4	RATTS	6805	FRANKLIN	12	34 27 88 09	204				7A TWA-693	3
COLUMBIA	1849	DE WALKER	12	34 11 86 44		794			7A MRS. J. CUNNINGHAM	3 4	REPAIR	6847	PICKENS	13	31 37 88 01					7A W. W. MC DONALD	3
COLUMBIA	1865	BOUSTON	5	31 18 85 06		130			8A CO. THOMPSON	2 3 5	RIVER FALLS	6937	COVINGTON	6	31 21 86 32					8A JOHN R. BRADLEY	3
COLUMBIA	1865	BOUSTON	5	31 18 85 06		130			8A MRS. J. CUNNINGHAM	3 4	ROBERTS FALLS 2 MILES NE	6942	COVINGTON	6	31 21 86 32					MID ALABAMA ELECTRIC CO	3 4
CUBA	2075	SUMTER	10	32 26 88 23		215			8A REUBEN P. HARRIS	3 4	ROCK MILLS	6988	BALDWIN	9	30 33 87 48	148				6P C. CAL ROSECK	2 3 5
DALEVILLE	2119	TALLAPOOSA	11	32 50 85 45		760			8A DR. W. B. FULTON	3 4	ROCK MILLS	7025	RANDOLPH	4	33 09 85 18	745				5P J. A. JAMES B. BAILEY	2 3 5
DALEVILLE NO 2	2124	TALLAPOOSA	11	32 50 85 46		760			MID JAY D. LANE	3 4	SAINT BERNARD	7157	CULLMAN	2	34 12 86 47	802				7A FR. FREDERICK SMITH	2 3 5
DANCY	2141	PICKENS	13	33 01 88 17		595			7P E. F. SMITH	3 4	SAND MT. STATE FARM AP	7207	DE KALB	12	34 17 85 58	1185				6P ALA. POLY. INSTITUTE	3
DARTON	2149	MORGAN	12	34 25 87 04		595			7A TWA-503	3 4	SCOTTSDORF	7282	JEFFERSON	12	34 13 88 09	204				7A MRS. KINZIE HORTON	2 3 5
DAYTON	2185	MARION	1	32 14 87 36		579			6P JAMES W. CRENS	2 3 5	SCOTTSDORF SUBSTATION	7304	JACKSON	12	34 41 86 02	660				7A MRS. KINZIE HORTON	2 3 5
DECATUR	2207	MORGAN	12	34 37 86 58		579			8A MRS. ELIZABETH TRIMBLE	2 3 5	SCOTTSDORF SUBSTATION	7310	JACKSON	12	34 41 86 02	660				7A TWA-76A	3
DECATUR NO 4	2212	MORGAN	12	34 37 86 58		579			8A TWA-52B	3 4	SELMA	7326	DALLAS	1	32 25 87 00	147				6P A. B. G. HUGH	3
DECATUR SUBSTATION	2221	MORGAN	12	34 36 86 58		580			8A TWA-411	3 4	SHEPHERD TWA WREY	7415	COLBERT	12	34 46 87 32	305				6P A. B. G. HUGH	3
DEMOPOLIS	2240	MARION	1	32 31 87 51		100			7A J. A. ROBERTSON	2 3 4 5	SHEPHERD TWA WREY	7415	COLBERT	12	34 46 87 32	305				7A TWA-682	3
DETRON CMA AIRPORT	2372	DETRON	10	31 25 86 27		222			MID M. D. ROBERTS	3 4	SLOMOB	7576	GENEVA	5	31 06 85 35	610				8A PATRICK H. SMITH	3
ELBA	2577	COFFEE	5	31 25 86 27		222			7A K. V. BERRY	3 4	SMITHSONIA	7598	LAUDERDALE	12	34 46 87 51	500				7A TWA-583	3
ELROD	2632	TUSCALOOSA	13	33 15 87 48					8A BARRY E. MAUGANS	2 3 5	SMITHSONIA	7620	WILCOX	1	32 00 87 01	225				7A MRS. EVA R. RAY	3
EUFAULA	2737	HARBOUR	5	31 53 85 08		254			7A E. D. HOLBROOK	2 3 4 5	SMITHSONIA	7671	DE KALB	12	34 24 86 02	980				7A TWA-75	3
EUFULA LOCK NO 7	2742	DE KALB	12	34 25 87 04		595			8A MRS. JESSIE D. GILSON	2 3 5	SPRING HILL	7733	MOBILE	9	30 42 88 10	175				9A A. HANLIN H. TIPPINS	2 3 5
EVERGREEN	2758	CONCUB	6	31 26 86 58		340			6P BAROLD F. YATES	2 3 5 6	SWAIN	7968	JACKSON	12	34 53 86 13	665				7A TWA-385	3
FAYETTE	2831	BALDWIN	9	30 32 87 55		23			8A TWA-384	3 4	SYLACAUGA	7994	TALLADEGA	7	33 10 86 13	548				7A ALABAMA POWER CO.	3
FAYETTEVILLE	2840	MORGAN	12	34 46 85 55		130			7A USFS	3 4	SYLACAUGA	8012	DE KALB	12	34 34 85 49	1400				7A TWA-386	3
FALLS CITY 6 MILES NW	2848	WINSTON	2	34 04 87 20		650			8A TWA-385	3 4	TALLADEGA	8024	TALLADEGA	7	33 26 86 06	554				6P C. D. WEAVER	2 3 5
FARLEY	2867	MADISON	12	34 36 86 34		670			8A TWA-386	3 4	TALLADEGA BORN MTN. TOWER	8044	TALLADEGA	7							

U. S. DEPARTMENT OF COMMERCE

CHARLES SAWYER, Secretary

WEATHER BUREAU

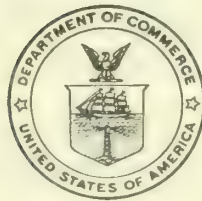
F. W. REICHELDERFER, Chief

CLIMATOLOGICAL DATA

ALABAMA

FEBRUARY 1949

Volume LV No. 2



A. R. Long, Section Director - Montgomery

General Summary

Rainfall this February averaged near normal in the southeast and northwest, but over a central area extending from Clarke, Choctaw, and Sumter Counties northeastward through Calhoun and Etowah Counties, monthly totals were from one to four inches above normal. Rain was frequent in all sections, and the longest period without important precipitation was from the 20th to the 26th.

Relatively mild temperatures prevailed throughout nearly the entire month. It was rather cool on the 1st, when a morning minimum of 14 degrees was recorded at Muscle Shoals, and low readings over the south ranged from 29 to 33 degrees. On the 11th, minimum temperatures were as low as 25 degrees in the north and 31-32 degrees in some south central localities. Thereafter, no widespread freezing weather occurred, although low readings of 29-33 degrees were reported in the north on the 31st. Maximum temperatures were unusually high at most stations from the 13th to the 15th, and again on the 22d.

Wet soil hindered ground breaking for spring crops except in the southeast and extreme south, and as the month ended, little of this work had been done in the north.

Under the influence of continued mild temperatures, the abnormal progress of winter grain, cover and pasture crops, and wild pasturage, was accelerated. Fall planted turnips and older collards in the south central section bloomed out to seed by the middle of the month, and most pear trees in the south, as well as azaleas in the parks near the coast were in full bloom at this time. Peach trees, however, did not advance too far because the late autumn delayed the onset of winter dormancy. Baldwin County Irish potatoes got an early start, and in some fields were near 6 inches high at the end of the month. Some out of season strawberries were marketed in the growing section of Butler and Conecuh Counties.

Cultivated fields were too wet for grazing much of the time, but as a whole, cattle benefitted from the abnormal amounts of available forage.

A wind storm about 3 miles southwest of Red Level, in Covington County, at 9 a.m. on the 19th, destroyed 2 houses and injured 5 persons, one seriously. The storm was probably a tornado, since the path was short and only 100 yards wide. The total damage was \$8,000. The direction of movement of the storm was from the west toward the east.

Flood stages prevailed throughout the month in the Tombigbee below Gainesville, and there was moderate flooding in the Warrior, the upper Coosa, the lower Alabama, and the headwaters of the Cahaba, late in the month.

FCP

TEMPERATURE

The monthly mean temperature, determined from the records of 60 stations, was 49.0°, or 4.9° above the normal. The highest local monthly mean was 61.9° at Robertsedale; the lowest was 46.8° at Madison. The highest temperature recorded was 84° at Brewton on the afternoon of the 22d; the lowest was 13° at Muscle Shoals on the 1st, making the monthly range for the State 71°.

PRECIPITATION

The monthly average for the State, determined from the records of 59 stations, was 6.20 inches, or 0.90 inch more than normal. The greatest monthly amount was 10.05 inches at Alberta; the least was 2.91 inches at Brantly. The greatest amount of precipitation in any observational day was 4.64 inches at Melvin, measured on the morning of the 16th. Precipitation amounting to 0.01 inch or more fell on an average of 11 days.

ACKNOWLEDGMENTS

In addition to the climatological data from some 6,000 Weather Bureau and cooperative weather stations, this bulletin series contains records from Hydroclimatic Network Stations which were formerly reproduced in the Hydrologic Bulletin Series. The Hydroclimatic Network is a nationwide net of rain gages--mostly of the recording type which produce continuous records of precipitation. It was established in 1939 at the request of the Corps of Engineers, Department of the Army, to supplement existing precipitation stations in order to provide records of rainfall intensity which were essential to the planning of flood control and related works by the Corps of Engineers. This Network, now numbering about 2,000 recording, and 1,000 non-recording rain gages, has been maintained by the Weather Bureau through working funds transferred annually to the Weather Bureau by the Corps of Engineers. These transfers averaged about \$250,000 per year between 1940 and 1944, and nearly \$375,000 since that date. For the years 1940-42, the Department of Agriculture transferred about \$100,000 per year to provide data required in its work, and since 1947 the Bureau of Reclamation has transferred about \$25,000 per year to meet the increasing needs of their program in the Western States.

Previous to the introduction of this bulletin series, data from Hydroclimatic Network stations were presented in bulletins (Hydrologic Bulletins) which were issued monthly for each of 8 drainage areas embracing the entire United States, but since the Network was established to meet the internal requirements of the Federal agencies referred to above, no provision was made for public dissemination of the data, distribution being limited to cooperating agencies and to certain public repositories. A list of locations where reference copies of the Hydrologic Bulletin Series are available for inspection may be obtained upon application to Chief, U.S. Weather Bureau, Washington 25, D.C.

Many other records published in this bulletin have been made available through the cooperation of various public offices, private agencies, and individuals as listed in the Station Index.

PRESSURE, WIND, HUMIDITY, SUNSHINE, DEGREE DAYS

ALABAMA
FEBRUARY 1949

Station	Sea level pressure extremes-inches				Wind speed-m. p. h.				Relative humidity average -percent				Sunshine	Degree days 65° base
	Highest	Date	Lowest	Date	Average	Maximum	Direction of maximum	Date of maximum					Percent of possible	
ANNISTON WB AIRPORT	30.48	12	29.90	27	7.8	37	WNW	10	76				-	377
BIRMINGHAM WB AIRPORT	30.46	17	29.90	27	9.8	30	SW	15	75	-			30	378
MOBILE WB CITY	30.42†	11	29.85†	27	10.7	37	NW	10	80†				38	144
MONTGOMERY WB CITY	30.46†	11	29.87†	10	7.4	24	S	15	75†				41	237
† AIRPORT DATA														

COMPARATIVE DATA

Table 1

Year	Temperature			Precipitation		Year	Temperature			Precipitation		Year	Temperature			Precipitation	
	Average	Highest	Lowest	Average	No. of days 0.1 or more		Average	Highest	Lowest	Average	No. of days 0.1 or more		Average	Highest	Lowest	Average	No. of days 0.1 or more
1884	53.6	80	20	6.21	1	1909	51.1	89	5	7.51	10	1934	45.5	80	9	4.73	7
1885	43.3	81	1	3.63	8	1910	45.7	80	-4	5.40	9	1935	50.2	82	10	4.41	8
1886	44.2	86	4	3.03	5	1911	54.6	84	15	3.28	7	1936	46.5	80	-7	7.34	10
1887	57.5	81	20	5.68	8	1912	43.2	76	2	4.99	9	1937	48.8	83	14	4.93	9
1888	50.8	79	9	5.29	9	1913	47.8	80	10	5.74	7	1938	55.5	85	18	1.90	4
1889	45.9	80	7	4.09	6	1914	46.1	82	13	4.19	8	1939	53.5	87	10	10.21	13
1890	57.1	84	24	6.82	8	1915	48.6	74	17	4.79	7	1940	45.9	82	10	6.89	12
1891	54.9	83	15	8.57	14	1916	47.2	80	10	4.00	7	1941	44.3	72	17	2.78	8
1892	52.4	83	18	3.27	6	1917	48.9	85	2	5.53	9	1942	44.9	79	11	4.73	7
1893	52.7	82	14	6.42	10	1918	53.6	86	9	2.39	7	1943	50.9	83	7	2.30	4
1894	48.7	80	12	7.47	12	1919	47.7	80	17	6.93	10	1944	55.7	86	10	7.21	16
1895	38.0	77	-5	2.69	6	1920	46.3	77	11	4.11	9	1945	53.2	85	10	7.05	12
1896	48.3	77	8	5.82	8	1921	51.0	81	16	5.21	9	1946	51.2	78	17	6.58	8
1897	51.6	85	12	6.56	9	1922	54.3	83	15	6.11	9	1947	42.8	80	9	1.98	4
1898	46.3	82	10	2.08	5	1923	47.8	83	10	5.93	9	1948	52.1	86	14	6.31	12
1899	40.3	80	-17	6.08	15	1924	47.1	81	12	4.59	8	1949	53.9	84	12	6.20	
1900	44.5	82	6	8.46	10	1925	53.5	82	19	3.53	8	Period	49.0	89	-18	5.30	
1901	43.5	74	11	4.23	6	1926	51.2	80	20	4.42	6						
1902	41.0	73	11	6.57	8	1927	58.7	85	22	6.45	8						
1903	48.6	83	0	10.89	10	1928	48.2	83	11	3.79	8						
1904	49.6	84	18	4.07	8	1929	46.0	78	12	9.17	11						
1905	39.9	77	-18	7.42	10	1930	53.9	86	19	2.26	6						
1906	46.0	75	11	2.51	6	1931	49.8	77	18	3.41	7						
1907	49.5	81	14	4.98	8	1932	58.1	86	22	5.02	9						
1908	44.7	79	8	6.26	9	1933	49.1	84	-2	6.21	12						

CLIMATOLOGICAL DATA

ALABAMA
FEBRUARY 1949

Table 2

Station	Temperature								Precipitation									
	Average	Departure from normal	Highest	Date	Lowest	Date	No. of days		Total	Departure from normal	Greatest day	Date	Snow, Sleet, Hail			No. of days		
							Max. 90° or above	Min. 32° or below					Total	Max. depth on ground	Date	.01 or more	.25 or more	1.00 or more
NORTHERN DIVISION																		
ALBERTVILLE 1 MILE S	46.9M	1.3							6.21	1.33	1.40	10				9	7	4
ANNISTON	53.3	7.4	79	14	28	1	3		8.63	3.20	2.11	27				14	9	3
ANNISTON WB AIRPORT	51.8	-	78	14	25	1	4		7.26	-	1.65	16				13	9	3
BIRMINGHAM WB AIRPORT	51.7	5.2	77	13+	24	1	5		8.29	3.23	1.46	27				13	10	3
BIRMINGHAM WB CITY	52.3	4.3	77	14+	24	1+	5		8.20	3.14	1.88	16		T	11	12	6	5
CORDOVA	51.5	5.5	75	15+	18	1+	5		5.92	0.83	1.58	16				6	6	4
DECATUR	48.3	4.3	77	14	19	1	8		4.86	0.43	1.68	16		1	1	11		2
FAYETTE	49.7	-	79	14	12	1	10		5.24	- 0.25	1.25	16				9	6	1
GADSDEN	49.0	3.9	78	15	22	1	11		8.15	2.75	1.89	16				13	8	4
GOODWATER	52.7	5.6	78	14	25	1+	3		4.98	- 0.63	1.37	16				12	8	1
HALEYVILLE	47.7	-	75	14	17	1	9		5.36	-	1.75	16				8	5	3
HUNTSVILLE	47.7	-	74	13	18	1	10		4.71	0.11	1.10	15		1	1	13	6	1
LOCK NO 4	50.3	3.8	77	15	24	1	7		9.91	4.37	2.55	27				10	8	5
MADISON	46.8	2.6	76	14	15	1	12		4.56	- 0.02	1.48	16		1	1	9	5	2
MUSCLE SHOALS	48.2	5.0	74	13	13	1	6		3.17	- 1.47	0.76	19				10	5	
ONEONTA	49.3	5.5	76	14	23	2	8		7.13	1.73	2.00	16				8	6	4
ROCK MILLS	51.7M	-	76	14+	27	1+	5		4.37	- 1.23	0.78	27				13	8	
SAINT BERNARD	47.8M	2.1	75	14	19	1	11		6.43	1.51	1.67	19				12	4	4
SCOTTSBORO	50.2M	6.9	79	13	19	1	8		6.07	1.23	1.65	19				11		1
TALLADEGA	51.3	3.6	79	15	25	1	6		6.64	1.14	1.37	4				11	8	2
TUSCALOOSA AIRPORT	52.8	5.7	80	13+	24	1	4		7.92	2.89	2.03	16				14	9	3
UNIVERSITY	53.1	6.0	80	15	24	1	3		7.50	2.47	1.38	9				13	9	3
VALLEY HEAD	47.3	4.1	76	15	21	11	10		-	-	1.80	16						
DIVISION	50.1								6.43									
MIDDLE DIVISION																		
ALEXANDER CITY 6 MILES NE	51.7M	-	75	16+					5.18	-	1.12	16				11	7	1
AUBURN	53.8	2.6	77	16	27	1+	3		5.33	- 0.12	1.26	27				11	7	2
CENTREVILLE	-	-	79	14					7.08	1.51	2.62	16				8	6	3
CLANTON	52.3	4.3	78	14	27	1+	5		6.99	1.38	1.92	16				11		2
DAYTON	54.4	-	80	16	26	1	3		8.57	-	3.75	16				8	5	3
EUFULA	58.2	8.2	82	16+	32	1	1		4.57	- 0.95	1.16	7				10	6	1
GREENSBORO	54.7	5.1	80	14+	25	1	3		6.55	1.42	2.50	16				10	6	2
GREENVILLE	56.8	6.6	79	16	28	1	2		6.02	0.35	1.58	9				11	7	3
HIGHLAND HOME	56.0	4.2	80	16	27	1	2		7.78	2.14	-					8		
LA FAYETTE	53.6	-	79	14	25	1	4		5.19	-	-					11		
LIVINGSTON	54.5	6.1	81	15	25	1	4		6.75	2.09	2.52	16				12	9	1
MAXWELL FIELD	56.6	-	79	13+	30	1	1		4.98	-	1.00	10				13		1
MONTGOMERY WB AIRPORT	56.2	-	80	15	29	1	1		4.97	-	0.83	10				12	8	
MONTGOMERY WB CITY	56.9	5.3	80	15	30	1	1		5.16	- 0.29	1.02	10				13	8	1
PRATTVILLE	54.9M	4.8	79	16	30	1	3		-	-	-							
SELMA	55.1	4.0	82	16	28	1	3		8.46	3.20	2.70	16				12	6	3
THOMASVILLE	55.3	5.4	81	16	24	2	4		9.58	4.19	2.44	16				9	8	4
TROY	57.1	4.2	79	14	28	1	2		3.62	- 1.93	0.79	20				10	6	
TUSKEGEE	58.8M	8.2	79	13+					2.92	- 2.23	0.80	10				7	5	
UNION SPRINGS	56.4	6.0	79	14+	30	1	3		9.34	3.38	3.05	20				11	7	3
WETUMPKA	54.8	4.7	78	16+	30	1+	4		5.46	- 0.08	1.11	9				10	8	2
DIVISION	55.4								6.22									
SOUTHERN DIVISION																		
ANDALUSIA	60.3	-	82	10	29	1	1		2.92	-	0.80	10				10	6	
ATMORE STATE FARM	58.7	-	80	10+	28	1+	2		5.61	-	1.75	19				9	5	2
BAY MINETTE	60.5	5.1	80	14	28	1	1		8.32	2.54	4.05	19				12	6	2
BREWTON 3 MILES SSE	59.4	5.9	84	23	29	1	4		4.66	- 0.72	1.12	20				12	6	1
CITRONELLE	58.4	3.9	80	15+	28	1	2		5.21	- 0.84	2.60	19				13	5	1
DOTHAN CAA AIRPORT	60.6	-	82	15	32	1	1		5.33	0.09	1.12	8				14	7	1
EVERGREEN	58.3M	6.4	81	23	28	2	2		5.63	0.08	1.31	20				12	6	1
FAIRHOPE	61.4	5.7	80	15	30	1	1		5.96	0.87	2.24	19				13	5	1
FORT MORGAN	61.4	-	76	22	35	1+			5.59	-	3.61	18				8	5	1
FRISCO CITY	57.6	-	79	10+	26	1	3		6.02	0.77	1.60	19				15	7	2
GENEVA	60.7	-	83	23	32	1	1		4.62	- 0.98	1.22	20				13	5	1
LOCKHART	60.7	-	80	23	30	1+	2		3.46	-	0.66	20				12	6	
MOBILE WB AIRPORT	60.3	-	78	9+	29	1	1		7.33	-	2.99	18				14	6	3
MOBILE WB CITY	61.0	6.3	78	9	31	1	1		7.32	1.99	2.23	26				15	6	2
OZARK	58.4	5.4	82	23	29	1	2		6.27	0.59	1.16	27				10	9	2
ROBERTSDALE 7 MILES E	61.9	-	80	15	29	1	1		4.64	- 0.79	1.18	5				13	6	1
SPRING HILL	58.0M	3.3	80	16	29	1	1		6.57	1.05	3.08	19				12	5	2
DIVISION	59.9								5.62									
STATE	49.0	4.9							6.20	0.90								

See reference notes following Station Index.

DAILY PRECIPITATION

ALABAMA
FEBRUARY 1949

Table 3

Station		Day of Month																															Total
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
ABBEVILLE	R			.62	.29	.27	.44	.49	.13	.38							.33			2.82	.04												7.04
ADDISON	R		.97	.08				.09	.94	.15					.10	1.71	.15		.64	.36					.03			.05	1.18				5.49
ADDISON CENTRAL TOWER				1.18						.96							.76			.86								*					4.37
ALABAMA STATE FARM				.71						.46							1.40	.15		1.14								*	.31				4.37
ALBERTA				.35	.19		.12			1.77	1.16						3.67	.02		1.93									.84				10.05
ALBERTVILLE 1 MI S				1.05						.25	1.40					.10	1.35	.33		1.20	.07								.46				6.21
ALEXANDER CITY 6 MI NE				.44	.06		.10			.88	.17						1.12	.45		.54	.32								.76	.14			5.18
ANDALUSIA		.05		.06	.45		.29			.24	.80						.34	.07			.32												2.92
ANNISTON			.64	.81			T	.04	.52	1.39	.14					.42	1.73		.31	.40		.01	.01			T		1.10	2.11	T			8.63
ANNISTON WB AIRPORT			.60	.62		T	.06	.50	1.48	.11						.38	1.65		.27	.39					T			.13	1.06	T			7.26
ARLEY				1.08						.35	1.46					.21	1.57			.97													5.93
ASBURYVILLE				1.66	T		.11			.47	1.22					T	2.30	.21		1.18								1.50	T				8.65
ATHENS				.89			.03			.59						.15	1.45	.06		1.27					.12			.29	.09				4.94
ATMORE STATE FARM	Z			.08	.62	.15				.66	.20						.50			1.75	.20							1.45					5.61
AUBURN				.10	.33		.10			.78	.85						.29	1.05		.07	.45							1.26	.05				5.33
AUBURN SCS 10	R			.38			.07	.78		.27	.87					.10	1.20			.46							.48	.76					5.17
AUTAGAVILLE				.31			.23			1.21	.84						1.69	.08		.87	.49							.65	.41				6.78
BARTON				.85						1.23						T				1.30	.08								.10	.18			3.74
BAY MINETTE		.22		.50	.82	.08		.36	.06	.63							.24		.65	4.05	.04						.05	1.25					8.32
BEATRICE				.30		.40	.10			.70	1.27						1.26			1.34	1.13							1.03					7.63
BELGREEN	R			.96						.48					.04	.89	.07		.45	.63					.06				.12				3.70
BERRY	R			.71	.12		.10			.20	.09	.06				1.46	.51		.53	.29								.08	.73				5.78
BEKAR 2 MILES SE	R			.80	.70					.50					.04	1.12	.08		.47	.55					.05			.08	.22				4.61
BILLINGSLEY				.15	.13		.17			1.38	.78						2.40	.70		1.83									.87	.10			8.51
BIRMINGHAM WB APT	Z T			.77	.42		T	.01	.47	1.22	.06				T	.88	1.19		.93	.57					T		.01		.30	1.46			8.29
BIRMINGHAM WB CITY				1.26	.01			.04		.62	1.22					.03	1.88	.06		1.70							.01		1.34	.03			8.20
BISHOP				.95						.46							.91			1.08	.20					.15		.03					3.78
BOAZ				1.11						.27	1.32					.08	1.67	.42		1.11	.07								.53	.13			6.71
BRANTLY				.08	.42	.11	.12			.21	.16						.15	.58		.10	.62								.36	.62			2.91
BREXTON 3 MILES SSE		.03		.02	.84	.28	.15	.15	.20	.38								.04		.53	1.12								.92				4.66
BRIDGEPORT 2 MI W			.05	.52		.23		.15	*	.75						.88	.51		*	1.50						.02			.44	.01			5.06
BRIDGEVIEW		T		.03	.40	.18	.32			.30	.89						.27	.53		T	.35												3.68
CAMPBELL	R			1.35						.26	.98					.30	1.32			.90	.05								.45	.22			5.83
CARBON HILL				.98	T		.17			.20	1.28					.24	1.30	.17		2.22	2.00	T				T			T	.17			6.73
CENTER GROVE																																	
CENTER STAR				1.63						.51						.08	.71			* 1.19													4.31
CENTREVILLE				.41						.92						.02	2.62		.40	1.55						.09		*	.10				7.08
CHILDERSBURG				.72	.10		.01			.62	.58						1.20	.58		.81	.34								.78	.21			5.95
CITRONELLE				.36	.18	.08				.33	.18					.02	.10	.55		2.60	.07						.03		.65				5.21
CLANTON				.32	.04		.20			.66	.71						1.92	.48		1.31	.76							*	.59				6.99
CLAYTON	T	T		T	.35	T	.11			.15	.70					*	.40	.10	.30	.90							.10		.08				3.09
COFFEE SPRINGS				1.60				.57	.25				.45	.25						.30	.48												5.42
COLLINSVILLE				.95	.52				.24	1.20						.08	1.50	.70		.87													5.66
COLUMBIA	.04			.05	.54	.43	1.64	T		.32	.16									.27	.41								.68	T			4.54
CORDOVA				1.07					.39	1.10							1.58	T		1.10										.68			5.92
CUBA				.43	.12	T			.40	.94						T			2.85		.61					.02			.74				6.11
DADEVILLE				.14	.11		.19		.69	.79							1.47	.46		.69	.65								.81	T			6.00
DALEVILLE NO 2	R			.22		.12	.04	.60	.24	.49						.13	.97			.78							.37	.42					4.38
DANCY				1.05	.06		.25	.99	.60						.05	.70	1.97		.33	.40	.10								.26	.62			7.28
DANVILLE				.90	.11			.10	.81							.42	1.16	.18		1.10	.10								.20	.04			5.12
DAYTON				.08	.12		.12		1.20	.82							3.75			1.80													8.57
DECATUR				.98			.02	.34								.11	1.68	T		1.12	T						.03	*	.27	.09			4.86
DECATUR NO 4				.96			T	.63								T	1.89		1.19	.08													5.15
DECATUR SUBSTATION				.87		.04		.01	.47							.13	1.52		1.08	.07								.02	.01	.30	.06		4.58
DEMOPOLIS				.60	.11			.53	.51								2.60			1.13.													

ALABAMA
FEBRUARY 1949

Table 3—Continued

Station	Day of Month																															Total
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
MELVIN				.07	.24		.18		2.55	.93						.02	4.64	.01		.82								.54				10.00
MIDWAY				.42		.04	.01	1.50		.86	.56						.30			.58	.40											5.04
MILLERS FERRY					.46				1.18	1.68							2.58	.12		2.10												8.68
MILSTEAD				.05	.62		.11		.48	.92							.36	.66		.19	.11					1.05						4.50
MITCHELL DAM				.35	.08		.06		.97	.57							1.60	.62		.48	1.14						.66		.04			6.53
MOBILE WB AIRPORT		T	.01	.05	.44	.46	.03	.01	.48	T	.13						.09		2.98	1.06				.16	T	1.38	.06					7.33
MOBILE WB CITY	Z	.01	.02	.01	.64	.27	.03	T	.21	.02	.14						T	.14	2.17	.91				.17		2.23	.15					7.32
MONT SANO							.10		.40		.70					.18	1.20	.05			.04						.15	.25				5.27
MONTVALLO							.40		1.00								2.15			1.94							.60	.65				
MONTGOMERY WB APT				.67	T	.06	.01	.70	.46	.83						.10	.60		.08	.42							.75	.29				4.97
MONTGOMERY WB CITY	Z			.63	T	.07	.01	.87	.28	1.02			.01			.07	.78		.09	.39			.87			.64	.30					5.10
MOULTON	R			1.19	.06				.41	.13						1.20	.10		.34	.62							.25	.05				4.35
MUSCLE SHOALS				.72	.01				.33	.02				T		.64	.02		.49	.76	T				.05		T	.13				3.17
NEW BROCKTON				.06		.32	*	*	*	*						2.61																
NEWBURG				.74						.11						.06	1.19			.99	.02					.02		.01	.28			3.42
NEW MARKET					.68					.56						.12	1.52		1.60	.03							.05	.12				4.68
NEWTON						.42	.38	.09	.22	.43							.06			.32	.64					1.42						3.98
ORONOTA				1.32			.10		.55	1.20							2.00	.15		1.08												7.13
ORRVILLE				.15					.48	1.12							3.80	.30		2.26												8.78
OZARK			.26		.82	.23	.48		.95	.58							.36	.38									1.67					6.27
PAINT ROCK	R			.81	.09				.04	.74	.15					1.29	.11		1.08	.80				.02			.31					5.44
PALMERDALE				1.65					.35							.10	2.90			1.48							1.35	.07				8.37
PERRYVILLE				.19				.12	.95	.73							3.59	.05		2.40								.09				4.99
PETERMAN	R			1.01					.98	.03							.04		.57	.66							.32					7.18
PICKENSVILLE				2.05		T			.50	.70						.30	1.80			.75					.25	.43	.80	.03				
PINE LEVEL				.08	.49		.16		1.49	1.56							16	1.17	*	*	2.47						.69					8.27
PLANTERSVILLE				.20	.10		.57		.70	.57							2.70	.90		2.05	.58						.50	.10				8.55
PLEASANT HILL	R			.32	.01	.07	.21	.55	1.50	.86							.96		.47	.67												-
PRATTVILLE					.18				1.05	1.03					.01		1.39	1.06		1.00								.91				
PRIMROSE FARM				.05	.64				*	1.08							.25		.60	.50	.06						.82					4.00
RED BAY										.35							.87		1.00	.16												2.93
REFORM				.97				.04		.30	.80					T	1.67	.93		.85							1.31	T				6.90
RIVER FALLS				1.30	.33	.27	T	.17	.51	.63						.10	.28	.87		.39	.31											5.17
ROBERTSDALE 7 MI E				.41	1.18	.59			.06	.16									.41	.36	.05				.17	T	.96					4.64
ROCK MILLS	.03		.02	.42	.08		.10		.60	.48	.03						.43	.58		.14	.45						.78	.25				4.37
SAINT BERNARD						.02			.15	1.25							1.47	.23		1.67						.03	.02	.15	.10			6.43
SAND MTN STA FARM APT				.90			.05		.40	1.14						.53	1.58		.07	1.46							.60					6.73
SAYRE				1.53					.27	1.12					.01		.02	.00	.09	1.70						.03	.95	.03				7.80
SCOTTSDALE			*	.60			.07		.60	.85						.90	.73		.10	1.65					.05		.52					6.07
SCOTTSDALE SUBSTA				.96	T		.08		.09	1.17	.01					.06	1.80	.13		1.48	.05					.02	.29	.23				6.37
SELMA				.15	.14		.11		1.08	.73						.06	2.70	.64		1.85	.19						.78	.03				8.46
SHEFFIELD TVA NRSY				.88					.27	.60						.27	.60			1.23					.09		.08					3.68
SHOEMAKER SPRINGS				.78					.14	.83						.14	.83		1.21	.14							*	.25				
SLOCOMB		.80				.68	.28	1.30	.14	.51	.48						.30			.80						.20	.83					5.84
SMITHSONIA				.80						.48							10	.57		1.17	.22					.11		.82	.04	.11		3.56
SNOW HILL					.40	.20	.21		.69	3.20					.12	.14	.15	.93		.98								.85				7.87
SOUTH HILL			.02	.65					.49	.72							.38	.89	.18	.07	1.47			.02		.01	.16	.14				5.20
SPRING HILL				.05	.63	.30	.04	.28	.11	.13							T	.04		3.08	.11				.20		1.60					6.57
SWAIN				.72					.02	*						.68	1.15			1.84	.04					.09			.30			4.90
SYLACAUGA				.96	.06	.07			.39	.41							1.34	.42		.83	.15						.82	.04				5.49
SYLVANIA				1.02				.08	.09	1.34	T						1.38	.18		1.29	.18				.02		.58	.18				6.34
TALLADEGA				1.37	.06		.03		.87	.71							1.07	.64		.59	.29						.81	.20				6.64
TALLADEGA HRN MT TWR			*	.56		.05			.06	.62							*	1.56		.87					T		*	.83				4.55
THOMASVILLE				.38	.73		.11		.98	1.53							2.44	1.09	1.67	.89							.65					9.55
THORSBY 1 MILE SW	R			.55				.55	.22						*	2.15		.50	.98							.29	.29					5.53
THURLLOW DAM				.12	.38		.24		.68	1.02							.17	1.15		.07	.16							.00	.04			5.03
TIBBIE									.70	.85							.90			.95								.72				4.12
TONEY	R	.05		.80	.01	*	*	*	.41	.04				.16	1.10		.07		.70	.63							.12				4.09	
TRAFFORD	Z	*	*	*	*	*	*	*	3.13	1.20							2.00	.18		2.05							.80		.10			9.46
TROY	Z			.10	.35	.04	.09		.60	.63							.15	.35									.52					3.62
TUSCALOOSA AIRPORT				.82	.10		.06	T	.57	1.37	.03			.03	T	1.14	2.03		.64	.33				.02		.30	.48					7.92
TUSCALOOSA LCK DAM				1.02	.03	.02	.06		.83	.14							2.51			1.56					.02		.12					8.15
TURNIDGE					.50	.20			.50	.80							.40			.92								.92				2.92
UNION SPRINGS				.10	.40	.35	.08		1.77	2.15							.13	.68		.03	3.05						.60	T				9.34
UNIONTOWN				.18	.12		.10		.76	.56						.04	3.32	.05		1.71							.58					7.42
UNIVERSITY		.08		.80	.15		.03	.58	1.38	.03						1.26	1.25		.60	.44							.38	.52				7.50
VALLEY HEAD			T	.78					.33	.99							1.80	.34		1.11												7.54
VANCE				.96	.10				.64	.63							2.20	.36		1.64							.95	.06				5.37
VERNON	R	</																														

ALABAMA
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Station

See reference notes following Station Index.

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FEBRUARY 1949

Station	A. M. Hour ending												P. M. Hour ending												Total
	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	
TUSCALOOSA AIRPORT 6 UNIVERSITY										.01	.01		*	*	*	*	*	.03	*	*	*	*	*		.02
-7th-																									
ABBEVILLE	.01	.01	.01	.28	.13																				.44
ANNISTON WB AIRPORT 6		.04	.03			*	.06																		.07
AUBURN SCS 10	.01																								.01
BIRMINGHAM WB AIRPORT	.01				.01		.02																		.04
DADEVILLE NO 2	.01	.01	.07	.02	.28																				.39
DOTHAN CAA AIRPORT	.02	.01				.02																			.02
FORT PAYNE	.16																								.01
GARDEN CITY	.01																								.01
HUNTSVILLE 6	.01	*	*	*	*	*	.01	*	*	*	*	*	.01												.01
MIDWAY	.01																								.01
MOBILE WB AIRPORT 6		*	*	*	*	*																			.01
MONTGOMERY WB AIRPORT 6	.01																								.01
MONTGOMERY WB CITY	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	.01
NEW BROCKTON	.03	.01																							.21
PLEASANT HILL	.03			.03									.18												.04
TRAFFORD																									.01
TUSCALOOSA AIRPORT 6 UNIVERSITY		.01																							.01
-8th-																									
ABBEVILLE										.18	.11							.08	.05	.10			.05		.49
ADDISON																		.01	*	*	*	*	*	*	.09
ANNISTON WB AIRPORT 6																	.20	.03	.02	*	*	*	*	*	.60
ATMORE STATE FARM							.15	.15	.01		.01	.01				.06	.06	.04	.04	.23	.10	.19	.06	.01	.78
AUBURN SCS 10																	.01	.14	.05	.10	.05	.06	.05	.08	.20
BERRY																	.01	.08	.10	.05	.05	.06	.05	.08	.47
BIRMINGHAM WB A*PORT																	.01	.13	.08	.01	.01	.01	.01	.01	.23
BOAZ																	.01	.03	.04	.02	.26	.09	.01	.01	.60
DADEVILLE NO 2																	.01	.03	.04	.02	.26	.09	.01	.01	.13
DOTHAN CAA AIRPORT							.05	.15				.01	.01	.03	.11	.03	.04	.02	.26	.09	.01	.01	.		

HOURLY PRECIPITATION

ALABAMA
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Station	A. M. Hour ending												P. M. Hour ending												Total		
	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12			
HALEYVILLE	.01	.01		.01	.01	*																			.04		
HUNTSVILLE 6	.34	*	*	*	*	*																			.74		
JACKSONVILLE //	.28	.24	.05	.09	.02		.05		.01	.02		.01	.01	.01											.05		
LAY DAM	.02					.03																			.10		
LOCK NO 1 //	.08	.01		*		.01																			.16		
MAGNOLIA	.12	.01	.02	.01																					.56		
MIDWAY	.11	.01	.01	.01	.42	*																					
MOBILE WB AIRPORT 6	*	*	*	*	*	*			.13																.14		
MOBILE WB CITY				.14																							
MONTGOMERY WB AIRPORT 6	.25	*	*	*	*	*			.83																1.02		
MONTGOMERY WB CITY	.02	.76	.17	.07																					.13		
MOULTON	.03	.02							.08																		
MUSCLE SHOALS 6	.20	*	*	*	*	*			.02																.03		
PETERMAN		.01	.02																						.86		
PLEASANT HILL	.21	.52	.13																						.10		
TRAFFORD	.04	.05							.01																.04		
TUSCALOOSA AIRPORT 6	.93	*	*	*	*	*			.03																.02		
UNIVERSITY	.01		.01						.02																		
VERNON	.01				.01																						
-13th-																											
MONTGOMERY WB CITY																		.01							.01		
TUSCALOOSA AIRPORT 6	.31						*	*	*	*	*	*	.03														
-14th-																											
ADDISON														.01	.01	.01	.01	.05	.04						.10		
BEXAR 2 MILES SE	*	*	*	*	*	*	*	*	*	*	*	.01	.01	.01	.01	*	*	*	*	*	*	*	*	*	.04		
GARDEN CITY											.07	.01		.01	.03	.01		*	*	*	*	*	*	*	.13		
HALEYVILLE															*	*	*	*	*	*	*	*	*	*			
HUNTSVILLE 6										.01	.01		.02	.02	.01		*	*	*	*					.07		
VERNON									.01	.01			.02	.02	.01					.09							
-15th-																											
ADDISON						.11	.07			.02	.56	.15	.04	*	*	.12	.12	.10	.08	.09	.05	.09	.04	.06	.01	1.71	
ANNISTON WB AIRPORT 6																	.17	*	*	*	*						
AUBURN SCS 10																					.10				.10		
BERRY					.01	.06	.05	.11	.07	.01				.09	.01	.01	.18	.16	.13	.09	.07	.12	.12	.08	.09	1.46	
BEXAR 2 MILES SE										.10	.27	.03			.20	.18	.05	.11	.09	.05	.02		.01	.01	1.12		
BIRMINGHAM WB AIRPORT											.01		.02				.20	.20	.13	.02	.06	.05	.01	.05	.13	.88	
BOAZ			.02	.01	.05	.01			.01	.23	.05				.03	.04	.06	.09	.08	.06	.05	.06	.04	.09	.98		
DADEVILLE NO 2													.01				.03	.01	.03	.02	.01	.01	.01	.01	.13		
DOTHAN CAA AIRPORT																					.01	.01		.03	.05		
EUTAW LOCK NO 7																.05	.16	.07	.02	.06	.15	.13	.22	.40	1.26		
FORT PAYNE								.01		.01	.10	.01	.01	.01	.01	*	.22	.03	.07	.09	.04	.06	.03	.05	.11	.85	
GARDEN CITY	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*		
GREENVILLE NO 2																					.08	.01		.01	.02	.12	
HALEYVILLE			.01	.01	.03		.01	*	.01	.53	.45	*	*	.43	*	*	.13	.13	.10	.13	.05	.05	.06	*	*	1.70	
HUNTSVILLE 6											*	*	*							.38	*	*	*	*	*		
JACKSONVILLE //				.01	.04		.01		.01				.01	.22	.01	.01	.04	.12	.03	.01	.06	.04	.02	.02	.06	.71	
LAY DAM														.02	.01	.03				.01	.05	.15	.06	.04	.07	.46	
LOCK NO 1 //																											
MAGNOLIA											.10									.36	.04		.14	.12	.04	.09	.89
MARION 1 MILE SSE																	.04	.01	.04		*	*	*	*	*	.60	
MONTGOMERY WB AIRPORT 6																					.05	*	*	*	*	.07	
MONTGOMERY WB CITY																					*	*	*	*	*		
MOULTON										.10	.18	.01					.01	.01	.04	.05	.69	.01	.08	.02	*	1.20	
MUSCLE SHOALS 6	*	*	*	*	*	*	.02	*	*	*			.13	*	*	*	*	*	*	*	.42	*	*	*	*	*	
THORSBY 1 MILE SW																					*	*	*	*	*		
TRAFFORD			.01	.04					.01	.01	.02						.02	.04	.11	.10	.15	.09	.07	.06	.09	.13	.95
TROY																						.02	.01			.03	
TUSCALOOSA AIRPORT 6														*	*	*	*	*	*	.42	*	*	*	*	*		
UNIVERSITY														.12	.17	.08	.21	.01	.13	.08	.10	.12	.22	.12	1.24		
VERNON			.01	.02					.11	.35	.21	.01					.21	.10	.16	.07	.06	.13	.04	.05	.01	1.54	
-16th-																											
ABBEVILLE	.02	.04	.01	.01	.01	.05	.01	.01	.06						.09	.04	.02	.02								.33	
ADDISON				.03	.01	.05	.04	.02	*	*	*	*														.15	
ANNISTON WB AIRPORT 6	.22	*	*	*	*	*	.72	*	*	*	*	*	.72														
ATMORE STATE FARM												.11	.02	.32												.45	
AUBURN SCS 10						.04	.09	.23	.34	.14	.07	.10	.14	.05												1.20	
BERRY	.06		.09	.11	.13	.06	.06																			.51	
BEXAR 2 MILES SE	.01	.01		.01	.01	.01	.01	.01	.01				.01													.08	
BIRMINGHAM WB AIRPORT	.14	.08	.08	.09	.22	.37	.08	.06	.04	.03																1.19	
BOAZ	.08	.13	.09	.10	.10	.10	.15	.13	.22	.08	.01															1.19	
DADEVILLE NO 2				.01	.15	.12	.14	.20	.24	.11																.97	
DOTHAN CAA AIRPORT				.01		.03	.01																			.05	
EUTAW LOCK NO 7	.25	.15	.30	.15	.17	.47	.02		.03																	1.54	
FORT MORGAN //	.07	.09	.06	.04	.13	.12	*	.08	.13	.11			.02	.17		.01										.20	
FORT PAYNE	*	*	*	*	*	*	*	*	*	*	*	*	2.84													.83	
GARDEN CITY																									2.84		
GREENVILLE NO 2										.02	.29	.08	.12	.04	.01	.01	.02									.59	
HALEYVILLE		.01	.02	.01	.01	.02	.01	.02		.02	.29	.08	.12	.04	.01	.01	.02									.10	
HUNTSVILLE 6	.29	*	*	*	*	*	.02	*	*	*	*	*	*	.05													
JACKSONVILLE //	.08	.06	.06	.10	.08	.20	.32	.18	.12	.10	.04	.01														1.35	
LAY DAM	.01	.20	.15	.17	.13	.11	.13	.16	.15	.01	.01	.01	.01													1.25	
LOCK NO 1 //	-	-	-	.01	.01	.01		.05	.35	.15																	
MAGNOLIA	.21	.21	.03	.56	.74	.36	.78	.15	.01																	3.05	
MARION 1 MILE SSE	.2																										

Table 4-Continued

HOURLY PRECIPITATION

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FEBRUARY 1949

Station	A. M. Hour ending												P. M. Hour ending												Total	
	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12		
-18th-																										
ADDISON																.04	.06	.03	.05	.07	.05	.04	.12	.18	.64	
ANNISTON WB AIRPORT 6														*	*				.04							
ATMORE STATE FARM									.04	.05	.03	.01	.01	.05	.06		.01	.02		.01	.02	.02	.01	.01	.35	
BERRY															.01	.05	.06	.09	.04	.07	.08	.04	.04	.05	.53	
BEKAR 2 MILES SE																	.01	.01		.04	.06	.06	.10	.04	.47	
BIRMINGHAM WB AIRPORT																	.01	.01	.04	.04	.12	.28	.19	.20	.93	
BOAZ															.01	.01	.01	.01	.01	.03	.06	.09	.17	.17	.57	
EUTAW LOCK NO 7														.05	.01	.04	.05	.09	.16	.06	.09	.05	.01	.03	.65	
PORT MORGAN //			.01		.01	.07	.08	.07	.06	.05	.05	.02			.01						.74	1.79	.42	.20	.31	
PORT PAYNE																.01	.01	.01		.01	.11	.12	.19	.18	.64	
GARDEN CITY																	.03	.01	.03	.04	.27	.59	.45	.34	1.77	
GREENVILLE NO 2												.03	.02	.01			.04	.02			.01			.01	.14	
HALEYVILLE																	.09	.01	.05	.08	.07	.07	.12	.15	.64	
HUNTSVILLE 6																										
JACKSONVILLE //																		.09	.01							
LAY DAM																										
LOCK NO 1 //																										
MAGNOLIA												.02	.05	.06	.08	.20		.01	.09	.04	.08	.01	.03	.21	1.13	
MARION 1 MILE SSE														.01	.01	.01		.09	.22	.12		.11	.09	.19	.06	.94
MOBILE WB AIRPORT 6																.40	*	*		1.03	*	*	*	*		
MOBILE WB CITY								.08	.07	.04	.08	.05	.12	.16	.07	.09	.08	.09	.17	.24	.24	.12	.24	.21	.02	2.17
MONTGOMERY WB AIRPORT 6																			.06						.09	
MONTGOMERY WB CITY																				.03					.34	
MOULTON																				.04	.05	.07	.07	.01	.10	
MUSCLE SHOALS 6																										
PETERMAN													.01	.03			.09		.12	.01	.23	.02	.01	.03	.02	.57
PLEASANT HILL																.02				.16	.06	.10	.11	.01	.01	.47
THORSBY 1 MILE SW												.01					.01	.19	.03	.06	.04	.07	.04	.05	.50	
TRAFFORD																.01	.01	.01	.02	.18	.39	.21	.36	.09	1.29	
TUSCALOOSA AIRPORT 6																				.22	*	*	*	*		
UNIVERSITY																.02	.01	.06	.06	.04	.14	.16	.02	.04	.04	.59
VERNON																	.01	.04	.02	.06	.09	.06	.09	.08	.05	.50
-19th-																										
ABBEVILLE			.12	.05	.05	.04	.03		.01	.01	.21		.01	.73	.45	.04		.68	.17	.02	.05	.05	.07	.03	2.82	
ADDISON	.03	.08	.06	.09	.07	.01				.02															.36	
ANNISTON WB AIRPORT 6	.24	*	*	*	*	*	.19	*	*	*	*	*	.19													
ATMORE STATE FARM	.10	.29	.10	.12	.05	.02	.58	.05	.04			.13	.25	.04				.08	.02			.01	.01	.08	1.51	
AUBURN SCS 10																									.46	
BERRY	.05	.07	.08	.07	.02																				.29	
BEKAR 2 MILES SE	.10	.05	.04	.03	.03	.21	.02	.02	.04	.01															.55	
BIRMINGHAM WB AIRPORT	.08	.07	.06	.01	.07	.14	.13	.01																	.57	
BOAZ	.08	.13	.05	.08	.07	.07	.07	.05	.01	.01															.62	
DADEVILLE NO 2		.01	.01	.02	.02	.06	.06	.12	.10	.30	.08														.78	
DOHAN CAA AIRPORT			.02	.05	.04	.05	.01			.03	.01									.12	.04	.05	.10	.07	.02	.61
EUTAW LOCK NO 7	.06	.05	.02	.08	.05	.01																			.27	
PORT MORGAN //	.01		.01	.01	.02	.01	.01	.17	.03	.02															.29	
PORT PAYNE	.12	.10	.06	.04	.08	.05	.09	.01																	.55	
GARDEN CITY	.10	.21	.07	.13	.06	.05	.10	.02																	.74	
GREENVILLE NO 2		.01				.01	.25	.19	.15	.07	.35	.01	.30	.01									.01		1.36	
HALEYVILLE	.15	.07	.07	.07	.16	.04	.04	.03																	.63	
HUNTSVILLE 6	.60	*	*	*	*	*	.91	*	*	*	*	.01	*	*	*	*	*	*	.02							.41
JACKSONVILLE //	.01	.04	.03	.03		.01	.05	.04	.17	.03															1.08	
LAY DAM	.06	.10	.03		.06	.14	.20	.27	.22																1.05	
LOCK NO 1	.15	.19	.30	.11	.12	.17	.01																		1.62	
MAGNOLIA	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	1.62								1.62
MARION 1 MILE SSE	.04	.01	.03	.23	.16	.03	.01	.01															.03	.04	.58	
MIDWAY	1.56	*	*	*	*	*	.93	*	.02	.06	.15	.28	.02	*	*	*	*	*	.08	*	*	*	*	*	*	.91
MOBILE WB AIRPORT 6	.18	.01	.01	.07	.05	.24	.24	*	*	*	*	*	.02	*	*	*	*	.01	.03	.01	*	*	*	*		
MOBILE WB CITY	.01	*	*	*	*	*	.17	*	*	*	*	*	.23	*	*	*	*	*	.01	*	*	*	*	*		
MONTGOMERY WB AIRPORT 6	.01	.02		.05	.08	.07	.07	.03	.06																.39	
MONTGOMERY WB CITY	.20	.08	.07	.02	.03	.01	.18	.03																	.62	
MOULTON	.39	*	*	*	*	*	.46	*	*	*	*	*	.27													
MUSCLE SHOALS 6	.03	.10	.05	.09	.12	.03	.16					.04	.01	.02	.01										.66	
PETERMAN	.02	.03	.01	.03	.05	.10	.10	.30	.01			.02													.67	
PLEASANT HILL	.05	.06	.05	.01	.04	.29	.12	.26	.10																.98	
THORSBY 1 MILE SW	.18	.07	.11	.04	.09	.14	.07	.01	.05	.10	.53	.01	.01										.04	.01	.71	
TRAFFORD																									.75	
TROY																										
TUSCALOOSA AIRPORT 6	.45	*	*	*	*	*	.30																			
UNIVERSITY		.14	.05	.03	.04	.08	.06			.01		.01	.01					.01							.44	
VERNON	.03	.03	.05	.07	.03	.05	.02																		.28	
-20th-																										
ABBEVILLE				.01	.01	.01	.01																		.04	
ATMORE STATE FARM		.01	.01	.01		.01	.01																		.05	
MIDWAY	.03	.35	.02																						.40	
MOBILE WB AIRPORT 6	.03																									
MONTGOMERY WB AIRPORT 6	.01																								.01	
TROY	.01																									
-21st-																										
PLEASANT HILL																										
-22d-																										
ANNISTON WB AIRPORT 6									*	*	*	*	*	.01							</					

HOURLY PRECIPITATION

ALABAMA
FEBRUARY 1949

Table 4-Continued

Station	A. M. Hour ending												P. M. Hour ending												Total	
	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12		
-26th-																										
ABBEVILLE																								.02	.03	.05
ADDISON																								.01	.02	.03
ANNISTON WB AIRPORT 6																		.03	.09		*	*	*	*	*	
ATMORE STATE FARM																				.03	.02	.30	.26	.20	.93	
AUBURN SCS 10																				.05	.14	.12	.06	.11	.48	
BERRY																			.03	.01	.01	.01	.01	.01	.08	
BEXAR 2 MILES SE																		.01	.05	.01			.01	.01	.08	
BIRMINGHAM WB AIRPORT																		.02	.04	.03	.02	.02	.04	.13	.30	
BOAZ																		.01	.01	.01	.02	.03	.01	.01	.02	
DADEVILLE NO 2																				.02	.05				.10	
DOTMAN CAA AIRPORT																		.01	.01			.02	.01	.02	.37	
EUTAW LOCK NO 7													.01	.01	.02	.01	.18	.04	.01	.02		.01	.15	.07	.38	
PORT MORGAN //													.03				.04					.11	.07	.41		
PORT PAYNE																					.03	.01	.02	.06		
GARDEN CITY																				.01	.02	.01	.01	.01	.06	
GREENVILLE NO 2																				.05	.01	.02	.03	.03	.07	
JACKSONVILLE //																				.02	.04	.04	.01	.02	.06	
LAY DAM														.01				.01	.01		.03	.02	.06	.05	.17	
LOCK NO 1 //																				.04		.01	.03	.01	.23	
MAGNOLIA																					.17	.16	.02	.20	.06	
MARION 1 MILE SSE																	.02	.04	.05	.07		.15	.10	.43		
MOBILE WB AIRPORT 6													.02	*	*	*	*	*	.06	*	*	*	*	*	*	
MOBILE WB CITY													.01	.02	.02	*	*	*	.01	.13	.60	.11	.37	.96	2.23	
MONTGOMERY WB AIRPORT 6													*	*	*	*	*	*	.03	*	*	*	*	*	*	
MONTGOMERY WB CITY																			.02	.05	.21	.18	.06	.07	.05	
PETERMAN																			.01	.06	.01	.01	.09	.10	.15	
THORSEY 1 MILE SW																			.02	.02	.03	.05	.07	.05	.05	
TRAFFORD																	.01	.01	.01	.02	.01	.02	*	*	.09	
TUSCALOOSA AIRPORT 6														*	*	*	*	*	.10	*	*	*	*	*	*	
UNIVERSITY																	.04	.05	.09	.07	.02	.01	*	.09	.37	
-27th-																										
ABBEVILLE	.02	.02	.06	.06	.20	.33	.30	.07	.11	.01			.01	.02	.01										1.18	
ADDISON	.15	*	*	*	.01	.01	.02	.04	.01	.01			.01	*	*	*	*	*	.02						.16	
ANNISTON WB AIRPORT 6	.19	.13	.03	.02	.02	.01				*	*	*		.16	*	*	*	*								
ATMORE STATE FARM	.20	.15	.06	.19	.08																.03	.05			.40	
AUBURN SCS 10	.13	.27	.08	.01	.02	.15	.03			.01		.01			.01	.01									.76	
BERRY	.01	.01	.06	.09	.03	.01						.01			.01										.73	
BEXAR 2 MILES SE	.07	.05	.50	.64	.03	.03	.11	.01				.01			.01										1.46	
BIRMINGHAM WB AIRPORT	.09	.19	.11	*	*	*	.02	.01	.05	.05	.01							.01							.55	
BOAZ	.14	*	*	*	*	*	*	*	*	*	*	.28													.42	
DADEVILLE NO 2	.01	.01	.02	.10	.15	.14	.06	.05																	.54	
DOTMAN CAA AIRPORT	.12	.15	.05	.04	.01	.02	.01					.01													.41	
EUTAW LOCK NO 7	.05	.03		.01								.01													.09	
PORT MORGAN //	.02	.12	.12	.06																				.01	.33	
PORT PAYNE	.02	.06	.02	.04	.01		.06	.08	.03		.02				.01										.37	
GARDEN CITY	.30	.29	.04	.02	.04	.01	.01	.04														.01	.01		.70	
GREENVILLE NO 2			.01	.04	.03	.11	.01	.04	*	*	*	*	.25	*	*	*	*	*	.04	*	*	*	*	*	.24	
HALEYVILLE		*	*	*	*	*	.04	*	*	*	*	*	*	*	*	*	*	*								
HUNTSVILLE 6	.07	.08	.18	.20	.20	.08	.04	.01	.06	.01	*	*	*	*	.01	.01	*	*	*	*	*	*	*	*	.97	
JACKSONVILLE //	.02	.02	.02		.02	.02	.09	.10	.03	*	*	*	*	*	*	*	*	*		.01	.01				.35	
LAY DAM					.01																				.01	
LOCK NO 1 //																									.35	
MAGNOLIA	.03																								.03	
MARION 1 MILE SSE	.01	.01	.01																						.03	
MIDWAY	.01	.02	.05	.08	.12	.09	.01																		.37	
MOBILE WB AIRPORT 6	1.30	*	*	*	*	*	.06																			
MOBILE WB CITY	.32	.03	*	*	*	*																			.35	
MONTGOMERY WB AIRPORT 6	.73	*	*	*	*	*	.27	*	*	*	*	*	.01													
MONTGOMERY WB CITY	.06	.07	.06	.08	.02														.01						.30	
MOULTON						.07	.18	*	*	*	*	*													.25	
MUSCLE SHOALS 6		*	*	*	*	*	.03	*	*	*	*	*	.04	*	*	*	*	*	.06							
PETERMAN	.15	.07	.07	.03	.07	.01	.11	.01	.04	.01															.32	
THORSEY 1 MILE SW	.01	.02		.01	.07	.01	.11	.01	.04	.01															.29	
TRAFFORD	.10	*	*	*	.38	.09	.02	.07	.02	.01		.01			.01			.01					.01		.71	
TROY	.01	.11	.09	.11	.10	.06	.02																		.50	
TUSCALOOSA AIRPORT 6	.21	*	*	*	*	*	.46						*	*	*	*	*	*								
UNIVERSITY	.02	.15		.27		.07				.01									.01						.54	
VERNON	.11	.01	.01	.06	.10	.06		.01	.02	.01		.01												.02	.40	
-28th-																										
ANNISTON WB AIRPORT 6		*	*	*	*	*	.01																			
ASHLAND //																										
CAMPBELL																										
PORT PAYNE	.01																								.01	
HUNTSVILLE 6	.01																									
MOULTON							.05																		.05	
NEW BROCKTON																										
PLEASANT HILL																										
RIVER FALLS 2 MILES NE																										

DAILY TEMPERATURES

Table 5

ALABAMA
FEBRUARY 1949

Station	Day of month																																	Average
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31			
ALBERTVILLE 1 MI S	MAX MIN	34 20	36 21	51 28	45 37	53 30	48 28	50 28	58 42	62 42	60 27	51			73 59	72 54	64 35	58 37	52 43	63 40	65 42	69 47	70 38	65 39	64 43	60 41	52 42	48 28				56.9 36.8		
ALEXANDER CITY 6 MI NE	MAX MIN	40 27	50 26	52 36	57 39	58 35	50 35	57 40	61 35	64 37	66 53	57 24	61 30	68 48	74 51	73 56	67 40	64 57	57 40	71 47	69 42	73 46	75 43	73 42	69 46	71 42	60 46	51 35				62.9 40.5		
ANDALUSIA	MAX MIN	39 29	52 33	60 40	67 45	75 50	69 49	64 50	62 54	70 58	82 64	64 53	68 57	71 63	79 59	80 46	75 51	76 53	75 46	77 52	80 59	81 53	75 61	78 61	76 55	73 53	67 43					71.0 49.5		
ANNISTON	MAX MIN	46 28	58 31	50 36	58 45	50 35	60 38	63 38	68 37	68 53	58 37	62 31	72 42	77 50	79 52	77 50	68 38	63 46	54 49	73 47	70 43	70 51	76 45	70 45	66 47	69 47	62 47	52 33	48 33			63.8 42.8		
ANNISTON WB AIRPORT	MAX MIN	45 25	57 29	49 34	55 43	51 33	59 36	61 36	67 35	65 35	56 36	60 28	70 40	75 49	78 50	76 56	76 47	66 37	62 42	52 42	68 50	68 52	74 45	68 45	66 46	68 45	60 45	50 31	46 31			62.3 41.3		
ATMORE STATE FARM	MAX MIN	37 28	48 28	62 37	66 46	71 50	56 48	65 51	60 48	70 53	80 58	62 35	66 38	72 45	75 61	80 65	71 46	67 46	65 49	75 52	76 52	78 53	80 53	70 50	80 50	75 55	78 53	67 44				69.0 48.4		
AUBURN	MAX MIN	40 27	50 27	58 35	50 40	60 46	55 42	59 50	61 48	64 48	68 52	58 28	62 35	69 49	76 52	74 54	77 55	64 42	63 42	61 50	66 52	70 51	74 45	75 48	71 48	70 48	72 45	65 38	51 31			63.7 43.9		
BAY MINETTE	MAX MIN	50 28	62 36	65 46	71 59	60 49	65 49	64 51	72 48	77 66	80 52	65 35	75 40	77 40	80 64	79 67	68 61	59 46	75 58	75 58	76 52	78 56	80 53	76 48	79 61	69 55	69 50	58 43				70.1 50.8		
BIRMINGHAM WB APT	MAX MIN	39 24	57 28	50 38	55 43	60 32	60 38	65 40	64 37	55 51	56 38	59 28	69 45	77 56	75 59	77 56	64 46	63 35	55 47	70 64	67 62	73 50	68 47	65 47	66 41	57 44	52 44	45 31				61.5 41.8		
BIRMINGHAM WB CITY	MAX MIN	31 24	40 24	60 40	53 35	55 40	60 37	62 43	65 40	64 49	58 52	62 30	70 33	77 48	76 59	77 59	64 56	65 37	59 41	71 46	66 53	68 47	74 53	70 45	65 46	69 44	57 46	51 31				62.2 42.4		
BREWTON 3 MILES SSE	MAX MIN	40 29	52 29	62 38	67 46	75 50	56 49	66 54	61 46	72 53	83 60	65 30	77 30	79 42	80 58	81 62	75 61	69 47	69 46	77 49	79 54	80 53	78 50	84 50	76 47	80 53	73 50	70 45				71.0 47.7		
CENTREVILLE	MAX MIN	44 28	61 30	67 48	63 54	55 48	64 51	61 48	72 53	69 52	64 36	64 36	71 44	79 64	77 74	74 66	66 46	64 46	65 52	75 64	74 67	67 77	71 71	74 74	77 77	57 57	55 55					66.9		
CITRONELLE	MAX MIN	33 28	41 30	61 34	66 48	64 48	54 47	64 52	61 49	70 52	79 57	63 36	64 36	74 44	78 64	80 67	68 60	67 46	62 51	75 57	76 62	77 54	79 53	75 53	79 55	75 54	66 53	67 42				67.8 48.9		
CLANTON	MAX MIN	35 27	46 27	58 31	52 39	58 39	51 37	60 43	63 40	63 41	65 52	58 29	60 29	68 38	78 53	74 53	76 56	65 40	62 40	59 49	71 50	63 45	76 48	69 46	71 46	60 50	53 48	53 48				62.4 42.2		
CORDOVA	MAX MIN	34 18	40 18	43 20	48 32	60 38	60 40	65 45	68 52	67 54	61 52	58 31	65 38	72 48	70 58	75 62	71 58	65 46	58 52	75 60	64 47	72 52	70 47	72 51	67 49	69 49	58 37					62.6 40.4		
DAYTON	MAX MIN	32 26	39 29	58 35	60 43	58 38	50 40	55 45	60 52	65 54	65 52	58 31	61 38	70 48	78 58	80 62	65 58	64 46	60 52	70 60	65 47	70 52	75 47	70 49	72 51	70 49	62 37	60 37				63.3 45.5		
DECATUR	MAX MIN	29 19	35 21	51 27	50 36	44 32	62 30	54 33	64 36	59 36	52 48	58 30	69 32	77 42	73 58	61 63	58 50	61 36	57 41	60 51	62 45	79 45	80 39	76 38	75 45	70 39	55 40	51 29				58.0 38.5		
DOTHAN CAA AIRPORT	MAX MIN	46 32	57 39	54 41	74 52	60 55	63 53	65 53	70 53	71 69	71 63	76 43	80 53	81 53	82 61	79 55	66 48	75 52	75 59	80 60	79 55	81 60	76 53	78 51	75 54	70 52	65 51	55 37				70.3 50.9		
EUFULA	MAX MIN	43 32	49 33	62 40	60 42	70 56	60 46	61 52	60 46	69 50	77 60	66 34	67 35	72 40	80 51	79 55	82 58	74 46	65 52	67 60	79 48	80 50	82 51	76 51	79 52	80 49	68 50	60 42				69.2 47.2		
EVERGREEN	MAX MIN	46 29	53 28	64 37	65 45	70 50	64 46	62 55	68 46	71 53	64 57	67 33	69 38	77 41	80 59	70 59	69 46	74 47	73 53	77 56	79 50	79 55	81 51	76 47	78 50	70 52	67 47					69.3 47.2		
FAIRHOPE	MAX MIN	52 30	62 28	66 35	74 44	57 52	66 50	62 52	73 63	66 76	63 48	63 42	76 63	77 63	79 80	80 76	69 56	65 49	79 51	75 60	75 57	77 59	77 52	78 50	76 56	67 59	58 44					70.1 51.7		
FAYETTE	MAX MIN	27 12	38 19	57 25	51 40	52 30	69 37	67 31	67 33	67 46	59 43	57 24	62 25	72 36	79 61	77 62	65 55	58 34	62 48	60 54	70 40	73 38	71 41	68 73	67 74	55 45	54 31					61.6 37.7		
FORT MORGAN	MAX MIN	38 35	50 35	61 45	64 58	66 51	60 52	67 55	70 54	73 62	64 58	65 44	73 49	75 64	68 65	68 53	68 53	69 58	73 58	69 58	76 62	72 56	73 55	74 63	73 61	68 60	70 49					67.6 55.1		
FRISCO CITY	MAX MIN	35 26	46 27	62 34	67 45	66 52	56 44	65 52	59 45	69 52	79 56	64 37	65 44	75 59	71 62	77 58	69 44	66 49	63 55	73 55	75 53	77 50	79 51	74 57	77 53	76 52	70 42					67.9 47.3		
GADSDEN	MAX MIN	36 22	42 24	56 28	67 34	52 46	60 37	60 49	66 41	63 55	55 28	58 40	70 53	76 46	78 50	74 55	66 46	63 50	64 49	67 57	69 41	74 41	68 42	64 43	54 44	58 30						61.2 36.8		
GENEVA	MAX MIN	44 32	48 33	59 41	60 45	75 53	60 52	65 58	66 52	71 56	80 62	68 33	65 35	76 56	80 54	81 56	81 66	78 55	69 50	70 54	77 61	79 53	81 55	83 47	78 55	80 51	72 55	65 44				70.9 50.5		
GOODWATER	MAX MIN	38 25	48 25	59 34	49 39	56 36	50 43	55 37	60 47	65 51	64 50	57 38	62 42	68 58	78 51	76 48	65 38	63 42	57 48	71 49	69 55	74 52	75 46	75 49	72 47	69 49	59 45					62.6 42.8		
GREENSBORO	MAX MIN	30 25	42 28	63 35	57 44	67 36	60 49	59 48	65 41	64 55	59 52	64 28	64 35	73 47	75 59	68 64	68 57	69 49	61 51	69 46	65 55	70 44	75 55	77 51	74 48	58 49	56 35					64.7 44.7		
GREENVILLE	MAX MIN	35 28	48 29	62 38	61 43	67 49	58 46	61 48	60 45	66 50	72 55	61 38	63 46	71 55	77 60	74 58	65 47	63 54	66 55	73 52	74 53	78 50	73 50	78 53	74 53	69 50	62 42					66.2 47.3		
HALEYVILLE	MAX MIN	26 17	33 19	52 25	47 31	49 31	50 32	58 37	68 36	58 38	50 43	59 27	69 33	75 43	68 58	59 61	67 50	59 35	61 43	55 50	72 46	69 47	67 38	62 32	58 38	54 40	49 28					57.5 37.8		
HIGHLAND HOME	MAX MIN	36 27	47 28	59 36	60 41	57 48	59 47	60 48	66 47	70 54	61 48	62 33	70 40	78 53	80 58	65 45	63 44	63 49	76 51	76 51	77 51	76 52	77 52	76 43	77 48	72 51	57 41					66.1 45.9		
HUNTSVILLE	MAX MIN	36 18	52 23	47 38	52 30	45 27	57 32	55 30	62 50	60 52	55 25	67 36	74 56	73 61	69 52	59 39	59 37	55 45	62 47	64 41	68 47	68 36	56 47	62 38	57 48	55 38	51 39	40 28				57.6 37.8		
LA FAYETTE	MAX MIN	41 25	51 32	56 30	61 37	6																												

DAILY TEMPERATURES

ALABAMA
FEBRUARY 1949

Table 5-Continued

Station	Day of month																															Average	
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
MOBILE WB CITY	MAX MIN	49 31	62 38	64 48	68 56	56 51	65 51	63 53	69 52	78 65	70 48	64 42	72 47	73 62	76 64	75 64	72 57	67 51	65 52	76 62	75 59	75 55	75 60	75 56	74 54	74 62	66 58	68 52	56 43			68.6 53.3	
MONTGOMERY WB APT	MAX MIN	51 29	60 36	54 40	63 51	55 44	59 43	61 46	62 47	70 59	60 44	60 33	71 37	78 49	75 51	80 60	67 53	65 44	59 50	69 56	72 53	74 49	78 57	73 49	76 49	76 54	65 50	55 48	51 35			65.7 46.7	
MONTGOMERY WB CITY	MAX MIN	50 30	59 38	53 42	62 51	55 46	58 44	60 51	62 47	69 59	60 44	60 35	70 41	77 55	74 60	80 67	67 54	64 45	59 50	69 57	72 56	73 52	77 60	72 51	76 51	74 56	64 50	54 48	50 37			65.0 48.8	
MUSCLE SHOALS	MAX MIN	35 13	47 26	46 35	49 37	48 30	63 31	53 34	66 36	60 52	52 35	55 29	68 41	74 58	70 64	69 47	56 42	56 34	55 41	56 45	63 49	66 45	68 49	60 38	60 45	55 41	52 38	51 39	41 28			56.9 39.4	
ONEONTA	MAX MIN	32 24	38 23	54 29	48 37	48 36	55 28	61 32	60 33	66 33	63 50	53 26	56 26	69 40	76 56	75 57	72 55	65 35	61 35	54 44	69 51	62 40	71 41	73 40	72 40	67 40	65 43	55 43	50 29			60.4 38.1	
OZARK	MAX MIN	42 29	49 30	60 39	58 42	73 52	60 40	62 43	63 46	69 54	78 43	65 35	64 35	73 43	79 52	79 56	80 58	75 46	66 47	68 51	72 53	73 54	79 52	82 50	75 52	77 52	71 43	73 42	63 40			68.9 47.9	
PRATTVILLE	MAX MIN	39 30	48 30	59 37		62 42	55 41	57 48	60 41	62 51	67 54	58 32	60 37	70 47	78 51	74 58	79 44	67 39	55 46	68 55	73 48	69 52	70 54	77 50	73 52	73 52	72 51	65 49	55 38			64.8 45.0	
ROBERTSDALE 7 MI E	MAX MIN	52 29	62 38	62 43	72 58	64 50	65 53	65 57	74 50	79 68	70 57	65 36	75 41	76 61	79 63	80 68	74 65	68 48	73 51	77 63	72 56	76 53	78 57	78 51	73 47	73 61	69 55	71 56	65 44			71.0 52.7	
ROCK MILLS	MAX MIN	43 27	48 27	58 33	48 36	58 35	55 44	58 46	64 36	66 40	67 52	59 29	63 32	69 44	76 52	76 46	76 56	64 41	65 39	59 46	71 41		75 42	74 46	72 43	69 42	72 43	63 40	50 40			63.6 39.7	
SAINT BERNARD	MAX MIN	29 19	36 22	53 20	46 30	54 32	47 28	60 35	57 30	64 32		59 26	58 28	68 42	75 52	72 60	68 58	62 34	60 43	58 50	58 41	65 41	70 38	72 41	64 46	66 40	60 41	55 29	51 29			58.8 36.7	
SCOTTSBORO	MAX MIN	42 19	54 27	54 30	45 35	54 30	64 28	61 39	60 29	60 51	54 43	60 27	79 37	75 43	70 46	63 56	62 53	55 35	65 38	68 43	70 52	73 49	73 49	67 37	63 47	64 42	53 40	48 29				61.2 39.1	
SELMA	MAX MIN	33 28	46 29	60 35	59 43	63 42	52 44	43 44	61 47	63 54	67 32	60 33	72 41	80 55	76 58	82 59	67 43	65 43	60 53	74 54	71 49	71 50	77 49	72 49	74 51	75 52	63 50	51 42				64.8 45.4	
SPRING HILL	MAX MIN	37 29	50 36	62 40	66 50	71 49	54 53	55 49	56 55	70 55	78 56	65 37	66 42	74 45		80 64	70 48	68 51	64 52	76 58	76 54		74 53	76 50	79 60	76 56	64 56	58 43				66.6 49.4	
TALLADEGA	MAX MIN	37 25	47 25	60 30	50 39	56 34	49 33	61 34	62 36	68 37	65 51	57 27	62 27	70 42	77 52	79 52	75 35	66 36	62 47	58 51	73 43	67 45	70 42	75 42	68 46	69 45	70 45	61 32				63.0 39.6	
THOMASVILLE	MAX MIN	31 25	36 24	60 31	64 42	65 40	50 46	62 46	59 52	67 54	70 32	58 33	64 46	71 61	77 63	76 58	81 41	67 41	63 51	61 54	75 50	74 51	73 49	77 49	71 54	75 51	71 50	60 41	61 41				65.0 45.6
TROY	MAX MIN	38 28	50 29	59 40	60 40	68 47	58 53	60 47	60 53	70 55	74 35	64 47	63 51	71 47	79 56	77 50	77 48	73 45	57 48	65 52	69 57	75 64	75 57	78 51	74 52	77 52	66 51	61 49				66.5 47.7	
TUSCALOOSA AIRPORT	MAX MIN	41 24	58 28	55 40	54 42	64 34	64 32	66 38	63 36	63 53	62 37	72 28	80 34	74 57	80 61	63 56	65 48	57 37	68 46	61 51	68 47	73 43	73 49	70 48	70 46	58 46	56 47	50 33				63.4 42.2	
TUSKEGEE	MAX MIN	55 40	60 49	60 40	63 54		67 45	65 42	69 57	70 67	66 59	74 30	79 41	77 38	77 51	79 62	70 44	68 48	64 55	69 55	71 49	74 55	76 55	72 55	74 54	75 47	63 45	55 40				68.6 49.0	
UNION SPRINGS	MAX MIN	39 30	50 31	60 38	60 43	59 50	57 41	62 50	65 54	69 53	72 54	62 38	64 44	72 55	79 60	75 57	79 44	67 49	65 49	65 55	74 49	77 55	77 49	72 50	75 54	74 50	61 47	57 41				66.0 46.8	
UNIVERSITY	MAX MIN	40 24	58 30	54 41	53 42	51 34	62 40	65 40	62 53	68 36	71 30	78 39	76 58	80 62	80 57	61 47	56 39	66 48	59 50	68 50	73 45	72 53	70 44	70 51	57 47	53 46	49 33					62.5 43.6	
VALLEY HEAD	MAX MIN	35 23	40 23	52 34	53 39	50 26	45 25	62 28	60 35	62 48	55 21	60 35	65 42	71 53	76 50	69 54	70 29	64 26	51 40	62 50	62 48	65 41	71 35	61 38	62 40	64 40	54 39	42 28				58.3 36.3	
WETUMPKA	MAX MIN	40 30	52 30	59 37	55 43	60 44	55 43	59 46	60 42	65 43	67 54	60 31	61 32	69 44	76 52	73 58	78 44	67 43	65 54	62 53	68 49	71 49	71 49	78 46	73 46	72 52	74 51	65 49	55 43				64.6 45.0

EVAPORATION AND WIND MOVEMENT

Table 6

Station		Day of month																															Total	Departure from normal
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
AUBURN	EVAP WIND	083 *	.007 47	.023 47	.126 102	.001 24	.043 23	.004 22	.082 11	.036 45	.113 29	.191 49	.098 37	.154 57	.125 51	.082 70	.136 101	.092 58	.198 60	.056 62	.128 47	.136 18	.100 7	.148 40	.201 50	.118 42	.243 62	.128 59	.060 50			2.728 2.268		
FAIRHOPE	EVAP WIND	.042 41	.032 38	.036 39	.058 42	- 18	.004 13	.036 35	.010 15	.034 39	.178 89	.126 40	.044 27	.092 40	.074 42	.093 45	.069 29	.140 46	.074 21	- 27	.082 28	.078 12	.058 16	.122 18	.062 8	.120 17	.078 18	.096 41	.182 79			2.180 2.008		

ALABAMA
FEBRUARY 1941

* 1-ALABAMA; 2-BLACK WARRIOR; 3-CAHABA; 4-CHATTABOOCHKE; 5-CHOCTAWHATCHKE; 6-CONECUE; 7-COOSA; 8-ESCAMBIA; 9-GULF; 10-PEA; 11-TALLAPOOSA; 12-TENNESSEE; 13-TOMBIGBE

The four digit identification numbers in the index number column of the Station Index are assigned on a state basis. There will be no duplication of numbers within a State.

Delayed data and corrections will be carried only in the June and December issues of this bulletin.

Stations appearing in the Index, but for which data are not listed in the tables, are either missing or received too late to be included in this issue.

is measured in the standard Weather Bureau type pan of 4 foot diameter unless otherwise shown by footnote following Table 6.

When hourly precipitation is missing or accumulated for several days, only the first and last days are shown in Table

Amounts in Table 4 are from recording gages. Traces are not shown.

Data in Tables 3, 5 and 6 are for the 24 hours ending at time of observation.

- No record.

+ And also on later dates.
\$ Amount included in following measurement time distribution unknown.

// Gage is equipped with a windshield.

Adjusted to a full month.

M One or more days of record missing; see Table 5 for detailed daily

R Station equipped with recording gage only. All amounts in Table 3
T Trace, an amount too small to measure.

Y Includes total for previous month.
X Observation time is 1:30 A. E.S.T. of the following day.

2 Hourly amounts from recording gage at the same site may be found in

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CLIMATOLOGICAL DATA

ALABAMA

MARCH 1949

Volume LV No. 3



ALABAMA - MARCH, 1949

A. R. Long, Section Director - Montgomery

General Summary

Although this March was on an average only 1.3° cooler than normal, it was nearly as cool as any month preceding it during the past winter. Rainfall totals were rather large in the west central and southwest portions, but they were fairly light in the extreme south-east and a few other localities in the east.

The first day of the month was cold, following general rain which had fallen on February 27th. Temperatures rose steadily until the 6th, when general rain occurred and it had become quite mild. From the 7th to the 20th, the trend was toward colder weather, with brief drops in temperatures after general rainstorms occurring about every 4 days. Minimum temperatures as low as 32° were nearly State wide on the morning of the 19th. Mild weather prevailed after the 20th, and the March that "came in like a lion went out like a lamb". Rainfall was rather frequent during the last week.

Vegetation which had become abnormally advanced due to the unusually warm winter, was harassed considerably by frosts and light freezes until after the general frost on the 19th. Little real damage was done, however, and as the month ended, pastures and growing field crops and most other vegetation were in better shape than usual for the time of year, and fruit trees came through without serious injury. Some early planted corn was up in the south, and the planting of cotton and peanuts was underway in that section as the month ended. Irish potatoes in the coastal counties continued to show bright prospects, but strawberry marketing in the producing area around Butler County was below seasonal expectations.

Wet soil hindered field work in the north and west, but plowing and planting ran ahead of schedule in some parts of the southeast and they did not get seriously behind in other parts of the State.

WINDSTORMS

No particularly severe windstorms were reported. Some scattered thundersquall damage was done to houses and barns in southwest Escambia County at about 11:30 p.m. on the 21st. Light hail occurred in this storm.

FLOODS

The lower Tombigbee River from Demopolis downward was above flood stages and falling at the beginning of the month, and fell to below flood stage at Lock No. 1 on the 9th. Heavy rains late in the month caused the lower Tombigbee to overflow heavily, and moderate flooding to occur in the Warrior and Upper Tombigbee. The Cahaba River at Centreville also went above flood stage on the 31st. Damage from floods this month was slight.

FCP

ACKNOWLEDGMENTS

In addition to the climatological data from some 6,000 Weather Bureau and cooperative weather stations, this bulletin series contains records from Hydroclimatic Network Stations which were formerly reproduced in the Hydrologic Bulletin Series. The Hydroclimatic Network is a nationwide net of rain gages--mostly of the recording type which produce continuous records of precipitation. It was established in 1939 at the request of the Corps of Engineers, Department of the Army, to supplement existing precipitation stations in order to provide records of rainfall intensity which were essential to the planning of flood control and related works by the Corps of Engineers. This Network, now numbering about 2,000 recording, and 1,000 non-recording rain gages, has been maintained by the Weather Bureau through working funds transferred annually to the Weather Bureau by the Corps of Engineers. These transfers averaged about \$250,000 per year between 1940 and 1944, and nearly \$375,000 since that date. For the years 1940-42, the Department of Agriculture transferred about \$100,000 per year to provide data required in its work, and since 1947 the Bureau of Reclamation has transferred about \$25,000 per year to meet the increasing needs of their program in the Western States.

Previous to the introduction of this bulletin series, data from Hydroclimatic Network Stations were presented in bulletins (Hydrologic Bulletins) which were issued monthly for each of 8 drainage areas embracing the entire United States, but since the Network was established to meet the internal requirements of the Federal agencies referred to above, no provision was made for public dissemination of the data, distribution being limited to cooperating agencies and to certain public repositories. A list of locations where reference copies of the Hydrologic Bulletin Series are available for inspection may be obtained upon application to Chief, U.S. Weather Bureau, Washington 25, D.C.

Many other records published in this bulletin have been made available through the cooperation of various public offices, private agencies, and individuals as listed in the Station Index.

PRESSURE, WIND, HUMIDITY, SUNSHINE, DEGREE DAYS

ALABAMA
MARCH 1949

Station	Sea level pressure extremes—_inches				Wind speed—m. p. h.				Relative humidity averages—percent				Sunshine	
	Highest	Date	Lowest	Date	Average	Maximum	Direction of maximum	Date of maximum	130 a. E. S. T.	730 a. E. S. T.	130 p. E. S. T.	730 p. E. S. T.	Percent of possible	Degree days 65° base
PORT	30.46	20	29.64	10	7.8	37	S	21	-	-	-	-	-	388
RPORT	30.44	20	29.60	9	10.8	40	SE	21	76	83	55	55	51	368
	30.38†	19	29.78†	9	12.1	65	SE	30	-	-	-	-	55	193
Y	30.42†	20	29.70†	10	7.3	24	W	10	-	-	-	-	60	269

COMPARATIVE DATA

Year	Temperature			Precipitation		Year	Temperature			Precipitation		Year	Temperature			Precipitation	
	Average	Highest	Lowest	Average	No. of days .01 or more		Average	Highest	Lowest	Average	No. of days .01 or more		Average	Highest	Lowest	Average	No. of days .01 or more
1884	58.6	84	26	8.85	11	1909	56.6	89	25	8.88	11	1934	54.9	83	14	6.12	7
1885	50.0	82	14	3.37	9	1910	61.5	93	19	1.21	3	1935	62.1	90	19	7.27	9
1886	53.0	89	18	9.59	10	1911	58.4	90	20	2.41	6	1936	59.9	90	27	3.63	7
1887	55.2	80	19	1.99	4	1912	53.2	85	18	9.71	11	1937	53.5	85	20	4.54	8
1888	53.3	83	16	9.63	9	1913	56.0	86	19	9.74	10	1938	63.7	90	23	6.35	8
1889	54.1	85	20	3.31	5	1914	51.0	87	11	3.51	8	1939	59.4	89	16	5.15	8
1890	53.5	84	10	5.05	9	1915	47.3	80	20	3.21	7	1940	55.4	86	21	5.25	10
1891	53.1	85	20	8.42	10	1916	54.8	94	18	2.99	5	1941	50.7	87	15	4.60	9
1892	51.8	87	11	6.11	8	1917	57.4	89	14	9.35	12	1942	55.5	85	22	7.28	12
1893	54.2	84	13	3.50	7	1918	62.4	89	26	0.81	3	1943	54.6	86	7	9.87	12
1894	59.1	88	15	4.78	8	1919	56.7	83	21	7.23	6	1944	57.7	86	22	10.77	11
1895	55.0	89	20	7.55	10	1920	52.6	86	10	7.27	10	1945	65.0	89	27	4.89	8
1896	53.0	92	20	5.16	8	1921	64.0	89	27	4.90	9	1946	61.4	92	25	7.98	8
1897	60.7	89	22	9.53	12	1922	56.2	85	23	10.12	11	1947	50.2	87	14	7.13	10
1898	59.5	89	23	3.23	7	1923	55.0	89	16	6.36	11	1948	59.8	89	19	9.58	12
1899	55.7	91	4	6.57	10	1924	51.4	87	19	3.32	8	1949	54.8	90	17	6.16	
1900	53.1	87	17	5.75	8	1925	58.4	90	13	2.97	6	Period	56.1	94	4	6.08	
1901	53.5	84	11	6.28	7	1926	50.0	85	13	6.52	8						
1902	55.3	82	17	8.78	12	1927	57.0	89	19	4.86	9						
1903	59.7	85	26	5.77	13	1928	56.2	89	22	6.24	11						
1904	58.7	89	23	3.51	8	1929	59.6	93	20	15.35	10						
1905	60.0	90	26	3.82	7	1930	52.4	81	19	5.64	10						
1906	52.0	85	20	9.20	10	1931	50.0	78	22	3.86	9						
1907	65.0	93	29	2.92	4	1932	51.9	89	12	4.27	7						
1908	62.7	92	25	4.77	7	1933	55.9	87	24	6.87	7						

CLIMATOLOGICAL DATA

ALABAMA
MARCH 1949

Table 2

Station	Temperature								Precipitation									
	Average	Departure from normal	Highest	Date	Lowest	Date	No. of days		Total	Departure from normal	Greatest day	Date	Snow, Sleet, Hail			No. of days		
							Max. 90° or above	Min. 32° or below					Total	Max. depth on ground	Date	.01 or more	.25 or more	1.00 or more
NORTHERN DIVISION																		
ALBERTVILLE 1 MILE S	50.9M	- 1.1																
ANNISTON	54.9	0.8	85	26	25	16		6	6.57	-	2.11	9				12	7	2
ANNISTON WB AIRPORT	53.0	-	84	26	23	16		10	5.80	0.93	1.87	9				11	7	2
BIRMINGHAM WB AIRPORT	53.8	0.0	83	26	26	1+		8	7.98	2.28	1.44	27				11	11	2
BIRMINGHAM WB CITY	53.5	- 1.9	81	27	25	1		5	7.85	2.15	1.45	31				14	9	3
CORDOVA	52.9	- 2.9	82	27	22	16		10	7.11	1.41	1.24	22				9	8	5
DECATUR	51.0	- 2.1	82	25+	24	1		9	5.35	- 0.27	1.38	25	T			10	7	2
FAYETTE	51.5M	-	83	27	23	16		13	6.88	0.70	1.13	22				10	8	3
GADSDEN	50.2	- 3.4	84	27	20	16		14	4.77	- 1.50	1.22	28				10	6	2
GOODWATER	52.4	- 3.0	83	26+	26	1+		10	5.48	- 0.17	1.28	31				10	7	2
HALEYVILLE	50.2	-	79	27	23	1+		10	6.96	-	1.73	31				8	7	3
HUNTSVILLE	51.4	-	81	26	21	16		11	6.12	0.36	1.68	27				13	6	3
LOCK NO 4	50.8	- 4.0	82	27	23	16		14	5.36	- 0.67	1.46	10				11	5	2
MADISON	51.9	- 1.0	83	25	19	16		13	6.15	0.42	1.45	25				11	6	3
MUSCLE SHOALS	52.2	-	80	26	23	1		9	4.22	- 1.49	1.33	27	T			11	6	1
ONEONTA	50.1	- 3.1	83	27	23	16+		13	6.21	0.20	1.38	31				9	8	2
ROCK MILLS	52.1	-	85	27	24	16		12	3.71	- 2.00	0.84	10				11	5	
SAINT BERNARD	49.8	- 2.5	80	27	22	16		12	6.71	0.74	1.60	25				11	7	2
SCOTTSBORO	53.7	1.1	82	24+	21	16		10	5.57	- 0.24	1.70	25				11	5	3
TALLADEGA	54.1	- 1.6	84	26	23	16		8	-	-	1.59	9						
TUSCALOOSA AIRPORT	55.8	0.2	84	26	27	1+		9	7.67	1.78	1.93	27				11	8	3
UNIVERSITY	56.1	0.5	82	24+	28	1		5	8.76	2.86	2.03	30				11	9	4
VALLEY HEAD	49.0	- 1.7	82	27	17	16		16	5.67	0.02	1.25	25				7	7	2
DIVISION	52.2								6.34									
MIDDLE DIVISION																		
ALEXANDER CITY 6 MILES NE	52.4	-	84	27	25	16		11	4.93	-	0.90	31				10	8	
AUBURN	53.5	- 2.9	82	27	26	1		8	4.62	- 1.23	1.24	31				11	7	1
CENTREVILLE	55.4M	- 0.7	83	27					7.10	0.97	2.64	31				9	6	3
CLANTON	52.8	- 2.9	83	27	27	1+		10	5.64	- 0.20	1.37	31				10	6	3
DAYTON	56.0	-	84	28	29	19		3	6.53	-	2.51	22				10	4	3
EUFULA	57.1	- 0.3	90	27	30	4+	1	7	5.02	- 0.38	1.04	15				11	6	1
GREENSBORO	55.3	- 1.3	83	27	28	1+		5	7.82	2.15	2.61	31				10	5	4
HIGHLAND HOME	56.0	- 3.2	85	27	30	1+		5	5.45	- 0.47	-					9		
LA FAYETTE	55.2	-	86	26	25	1+		6	3.86	-	0.93	31				9	6	
LIVINGSTON	57.0	0.7	84	25	29	16		7	9.51	4.27	1.81	27				10	7	5
MAXWELL FIELD	57.4	-	85	26	31	1		2	4.92	-	0.94	31				12	8	
MONTGOMERY WB AIRPORT	57.1	-	86	26	30	1		3	4.98	-	0.90	31	T			11	8	
MONTGOMERY WB CITY	57.8	0.0	85	26	31	1		2	4.56	- 1.43	0.89	31				11	7	
PRATTVILLE	54.7M	- 2.9	85	27	31	1+		4	5.38	- 0.32	1.40	22				10	7	2
SELMA	55.7	- 2.9	85	27	31	1+		3	5.72	0.30	1.27	22				10	6	3
THOMASVILLE	58.0	- 0.1	83	25	30	1		3	7.86	2.29	2.52	31				10	9	3
TROY	57.1	- 1.7	85	27+	30	1+		4	5.81	- 0.17	2.44	31				10	5	2
TUSKEGEE	56.8	- 1.0	86	26	30	17		2	2.98	- 2.43	0.90	22				6	5	
UNION SPRINGS	55.9M	- 1.8			29	1+		3	5.68	- 0.36	1.72	15				13	6	2
WETUMPKA	54.9	- 3.0	84	27	30	1+		5	4.81	- 1.05	1.31	31				11	7	1
DIVISION	55.8								5.66									
SOUTHERN DIVISION																		
ANDALUSIA	58.7	-	85	25	31	19		2	4.88	-	1.12	22				9	7	1
ATMORE STATE FARM	59.3	-	83	25+	33	19+			8.46	-	3.62	22				9		
RAY MINETTE	59.1	- 1.0	82	25	33	19			10.79	5.17	5.80	22				10	6	3
BREWTON 3 MILES SSE	57.6	- 0.6	86	26	30	3+		8	6.93	1.89	2.71	22				12	7	1
CITRONELLE	60.0	- 0.9	81	22+	33	19			8.74	2.50	4.00	22				12	6	3
DO THAN CAA AIRPORT	56.2	-	86	26	29	1		8	3.86	- 1.29	1.27	31				8	6	1
EVERGREEN	57.4	- 0.7	85	28	30	19		2	7.49	1.80	3.30	22				8	7	2
FAIRHOPE	60.0	- 0.1	83	25	32	19		1	6.68	1.91	1.93	22				11	7	3
FORT MORGAN	61.0	-	82	27	36	19			9.74	-	2.79	29				12	9	3
FRISCO CITY	57.9	-	82	26+	31	19		2	6.58	1.44	2.77	22				11	7	1
GENEVA	59.1	-	88	25	31	3+		5	3.59	- 2.12	1.03	7				10	5	1
LOCKHART	58.7	-	84	26	32	1+		2	5.76	-	1.20	31				10	7	3
MOBILE WB AIRPORT	59.5	-	81	25	32	19		1	7.76	-	1.55	21				14	9	3
MOBILE WB CITY	60.1	0.4	81	25	35	19			5.33	- 0.65	1.00	13				12	6	1
OZARK	59.5	- 0.5	87	26	30	1		3	3.67	- 1.67	1.20	15				12	4	1
ROBERTSDALE 7 MILES E	59.6	-	81	25	29	1		3	7.08	1.96	2.05	22				11	8	2
SPRING HILL	58.0	- 3.1	81	24	32	19		1	7.55	1.69	2.52	22	T			10	8	3
DIVISION	58.9								6.76									
STATE	54.8	- 1.3							6.16	0.08								

See reference notes following Station Index.

ALABAMA
MARCH 1949

Station

Station	Day of Month																																Total
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
ABBEVILLE						.07			.56	.03			.11	.98						.01			.24					.14	.46		1.73	4.67	
ADDISOP						.02			.53	.51			.15	.03						.35			.11			2.58	1.24	.34		1.17	7.20		
ADDISON CENTRAL TOWER									.62				.25									1.08					*	1.20		.95	6.01		
ALABAMA STATE FARM						.08	.16			.62			.08									.50			1.30		1.17			1.40	5.67		
ALBERTA										.62			.18									1.57						.86	.05	.25	1.35	5.47	
ALBETTVILLE 1 MI S					.25				.70				.14												1.07			.85		1.03	-		
ALEXANDER CTY 6 MI NE					.52				.58				.42	.11								.25						.87	.05	.90	4.93		
ALICEVILLE					.43				.45				.05										1.73		.70			2.00	7.11			7.20	
ANDALUSIA					.43				.69				.12	.83								.29						.94		.05	.20	4.88	
ANNISTON					.28				2.11				.20	.01								.07	.19		.31		1.54	.50		.18	.91	6.57	
ANNISTON WB AIRPORT									1.87				.17	T											.29		1.22	.41	.13	.82	5.80		
ARLEY					.31		.20		1.05				1.25	.28								.04	1.03		1.26		.85	1.15		1.04	8.01		
ASHLAND					.79				.02				.18										.52					.73	.44	.09	1.29	5.91	
ASHVILLE					.08				.88				.07	.18									.90			1.00	T	.33	1.30		1.15	5.97	
ATHENS									.59														.67			1.37	.03	.90	.47	1.90	6.90		
ATMORE STATE FARM					.40				.52				*	2.11									3.62				*	1.14		.46	T	8.42	
AUBURN					.41	.11			.45				.51	.16	.38								.35	.59				.65	.10	1.24	4.62		
AUBURN SCS 10					.50				.69						.36													.70		1.16	4.42		
AUTAGAVILLE						.69			.66														1.89					.94		.26	.96	5.76	
BARTON									1.10														.45			1.20		2.10		.60	6.67		
BAY MINETTE					.09				.29				1.50	.60									5.80					.22	.14	1.51	10.79		
BEATRICE						.65							.78	.15									4.03					.61		2.18	8.40		
BELGREEN					.06				.43				.01										.79	.45		.60	.62	1.00	.56		.60	.03	5.44
BERRY					.73				.84				.41							</													

ALABAMA
MARCH 1949

Table 3—Continued

Station	Day of Month																															Total	
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
MELVIN						.14			.38				.06	.60	.50			.10			2.59							.15	.03	.28	2.60	8.43	
WERTZ 3 MILES E						.05	.50		1.85									.30			1.70							.105	.10		2.40	7.95	
MIDWAY						.92			.17				.05	.66				.09			.41							.80				3.78	
MILLERS FERRY						.24	.34			.72					.47			.24			1.62							1.28			2.08	6.45	
MILSTEAD		T								.78					.34			.13				.76	.09				.10	.56	.06	T	1.05	4.25	
MITCHELL DAM						.12	.68			.88				.05	.15			.26			.90							1.08	.12		1.63	5.87	
MOBILE WB AIRPORT	Z	T	.09			.36			.36				1.02	.71			T	.19			1.55	.83		.03	.01	T	.66	T	.55	.09	1.1	7.76	
MOBILE WB CITY			.07			.12			.20				1.00					.25			.97	.50						.16	.05	.96	.10	.95	6.38
MONT SANO									.82						T			.45				.45			2.05			.75	.95	.05	1.65	7.47	
MONTGOMERY WB APT			T			.78			.60				T	.48			T	.09			.43	.78						.36	.42	.13	.01	.90	4.96
MONTGOMERY WB CITY	Z	R				.61			.58				.02	.49				.13			.40	.75						.23	.44	.02	T	.89	4.44
MOULTON			T			.23			.07								.04	.30			.13	.60			1.40		1.18	.13		1.25	.05	4.22	
MUSCLE SHOALS		T				.03			T				.04	T				.38	T		.35	.13		T		.96	.07	1.33		.43	.01	.41	
NEW BROCKTON	-	-	-	-	-			-	-	-	-	-	-	-	-	-		.22				.25						.47			.12		
NEWBURG						.01				.51				.09				.43				.70					1.87	.51	.30		.29	5.61	
NEW MARKET										.74			.03					.95			.29				1.42	T	.51	.72	T		2.00	6.66	
NEWTON							.32			.14				.11	.52			.42											.06		.48	2.13	
ONEONTA							.75			.75				.25				.20					.08				.55	.73	1.20		1.38	4.21	
ORVILLE										1.38				.38				.22			1.18								1.01	.06	.08	.95	5.26
OZARK						.15				.43				.22	1.20			.16	.19			.14	.21				.49	.40	.02		3.67		
PAINT ROCK	R								.65	.06			.04					.51			.09	.20				1.50	1.49	.16		.97	.15	5.82	
PALMERDALE						.15				1.48								.90			1.20					1.15		1.60			1.40	6.96	
PERRYVILLE						.19				.75					.18			.40										1.17			1.31	6.17	
PETERMAN	R					.21			.27	.33			.35	.82						.27	.95							.06	.43		.70	4.06	
PICKENSVILLE					T	.32			1.03	.33				.40			.17			1.61				.76			.03	1.68			1.60	7.93	
PINE LEVEL	R						1.20			.40					1.05						.89	.04						.72		.15	1.08	5.63	
PLANTERSVILLE										.66				.25				.35			1.25							1.20	.15		1.15	5.28	
PLEASANT HILL	R					.28			.54	.23				.41	.08			.28			1.39			.66				.36			.06		
PRATTVILLE						.39	.44			.59				.36				.16				.91						.91		.01	1.08	5.35	
PRIMROSE FARM						.05	.60			.51				.03	.48						1.07	.08						.74	.06	.05	.76	4.43	
PUSHMATAHA						.18		-						.97				.17			2.57	-	-		-	-	-	.55	.09	-	-	.62	5.25
RED BAY										.55					.97			.18															
REFORM									T	.41			.08					.32							1.40		1.55	.78			1.38	6.46	
RIVER FALLS						.49				.38				.67							.70		.61					.72		.23	T	5.20	
ROBERTSDALE 7 MI E	.01	.14								.06			1.27	.62				.51	.56		2.05							.57	.67	.41	.77	7.08	
ROCK MILLS						.15	.35			.84				.20	.20			.03			.14	.53						.28	.24		.75	3.71	
SAINT BERNARD										.92			.16		.02			.45							1.60	.11	.97	.60	.02		1.26	6.71	
SAND MTN STA FRM APT									.43	.29				.47				.37			.85	.05	1.09	.43				.43		.12	1.80	5.98	
SAYRE						.34				.36				.09	.39			.13			1.28		.19	1.31	.71	.04		.19	.71	.04	1.35	5.72	
SCOTTSBORO									.38	.05				.05			.02	.40			.21			1.70	1.20	.21				.05	1.30	5.71	
SCOTTSBORO SUBSTA										.17			T		.02			.43			.18				1.48	.30	.64	.87	.04		1.58	5.72	
SELMA					T	.54				.79			T	.05	.31			.20			1.27							1.26	.15	.12	1.03	5.72	
SHEFFIELD TVA NRSY									.46	.52			.03					.84										.47			.47	6.55	
SHOEMAKER SPRINGS										.56								.24			.67	.19					.99	1.33	.33	.92	5.83		
SLOCUMB						.68				.28																		.91		.67	2.54		
SMITHSONIA									.81				.08					.70			.43			1.18		2.70				.64	6.54		
SNOW HILL							.11			.51			*		.62			.35			2.40							.84		.03	2.13	6.99	
SOUTH HILL					.02				.20	.15			.04					.62			.24			1.21	.14	1.35	.54			1.29	5.80		
SPRING HILL			.03	.07					.42	.32				1.18	.45					2.52								.44		.70	1.42	7.55	
SWAIM									.55								1.39			.48				1.98		.74	.55		.12	.99	6.80		
SYLACAUGA						.88	.37			1.18				.17	.13			.13			.72							1.50	.08		1.03	6.19	
SYLVANIA						.57				.57			.05					.56			.41				1.17		.58	.95	.05		1.37	5.71	
TALLADEGA								1.59					.31	T				.21							.04					.86			
TALLADEGA HRN MT TR					1.00			.27	.72									.08			.44				T			.83	.46	.12	.68	4.60	
THOMASVILLE		T			.05	.34				.60			.33	.45						1.82							1.20		.25	2.52	7.86		
THORSBY 1 MILE SW	R					1.00			.78					.10				.30			.59	.36					</						

HOURLY PRECIPITATION

ALABAMA
MARCH 1949

Table 4

Station	A. M. Hour ending												P. M. Hour ending												Total
	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	
-1st-																									
CAMPBELL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NEW BROCKTON	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RIVER FALLS 2 MILES NE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-2d-																									
FORT MORGAN //	-	-	-	-	-	-	-	-	.03	.02	.01	-	-	-	-	.01	.03	-	-	-	-	-	-	-	.10
MOBILE WB AIRPORT 6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MOBILE WB CITY	-	-	-	-	-	-	-	.01	.01	.01	.03	-	.09	-	-	-	-	-	-	-	-	-	-	-	.07
-5th-																									
ADDISON	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	.01	-	-	-	-	.01	.01	.03
BERRY	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	.01	.01	.02
BEXAR 2 MILES SE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	.01	-	-	-	.01	.02
LOCK NO 1 //	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TRAFFORD	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	.01	-	-	-	.01	.02
-6th-																									
ABBEVILLE	-	-	-	-	-	-	-	-	.01	.01	-	-	.01	.04	.01	.01	-	-	-	-	-	-	-	-	.07
ADDISON	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	.02
ANNISTON WB AIRPORT 6	-	-	-	-	-	.02	.18	.03	.12	.14	.13	.04	-	-	-	.28	-	-	-	-	-	-	-	-	-
ASHLAND //	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	.15	.01	-	-	-	-	-	.79
ATMORE STATE FARM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	.10	.26	.01	-	-	-	-	-	.37
AUBURN SCS 10	-	-	-	-	-	.12	.05	.10	.14	.03	-	.06	-	-	-	-	-	-	-	-	-	-	-	-	.50
BELGREEN	-	-	-	-	-	.06	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	.06
BERRY	.02	.36	.12	.14	.03	.06	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	.73
BEXAR 2 MILES SE	-	-	.01	.04	.02	-	-	.01	.01	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	.09
BIRMINGHAM WB AIRPORT	-	-	.04	.31	.04	.22	.09	.03	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	.73
BOAZ	-	-	.01	.10	.01	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	.12
DADEVILLE NO 2	-	-	-	.06	.04	.10	.28	.12	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	.60
DOTHAN CAA AIRPORT	-	-	-	-	-	-	-	-	-	-	-	-	.01	-	-	-	-	-	-	-	-	-	-	-	.108
EUTAW LOCK NO 7	.01	.02	-	-	.01	.08	.01	.01	-	.07	.04	.01	.02	.15	.12	.01	.75	-	-	-	.01	.01	.01	.01	.26
FORT MORGAN //	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	.01	.10	-	.01	-	.12
GARDEN CITY	-	-	.01	.06	.02	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	.09
GREENVILLE NO 2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	.26	.02	-	-	-	-	-	-	.28
HALEYVILLE	-	-	.01	.01	.01	-	.01	.07	.02	-	.01	-	.01	-	-	-	-	-	-	-	-	-	-	-	.03
JACKSONVILLE	-	-	-	-	.01	.16	.05	.04	.01	.02	.03	-	.01	-	-	-	.01	.28	.05	-	-	-	-	-	.13
LAY DAM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	.11	.02	-	-	-	-	-	-	.69
MAGNOLIA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	.14
MARION 1 MILE SSE	-	-	-	-	.22	.03	.03	-	-	.02	.03	.03	.03	.11	.02	-	-	-	-	-	-	-	-	-	.33
MIDWAY	-	-	-	-	-	.07	.07	.36	.24	.08	.03	.05	.02	-	-	-	.05	.05	.25	.02	-	-	-	-	.92
MOBILE WB AIRPORT 6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MOBILE WB CITY	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MONTGOMERY WB AIRPORT 6	-	-	-	-	-	.09	.19	.26	.02	.02	.01	-	.72	-	-	-	.05	.05	.06	-	-	-	-	-	.61
MONTGOMERY WB CITY	-	-	-	-	.03	-	-	-	-	-	-	-	.02	-	-	-	-	-	-	-	-	-	-	-	-
MUSCLE SHOALS 6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PETERMAN	-	-	-	-	-	.13	.03	.57	.01	.16	.02	-	.01	.01	-	-	.13	.07	.01	-	-	-	-	-	.21
THORSTON 1 MILE SW	-	-	-	-	-	.01	.03	.05	.01	-	-	-	.01	.01	-	-	.01	.07	-	-	-	-	-	-	1.00
TRAFFORD	-	-	.01	.03	.01	.04	.05	.01	-	.02	.19	-	.01	.01	-	-	.01	-	-	-	-	-	-	-	.18
TROY	-	-	-	-	-	-	-	.02	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	.21
TUSCALOOSA AIRPORT 6	-	-	-	-	.23	-	-	-	-	-	-	-	.38	-	-	-	-	-	.01	-	-	-	-	-	-
UNIVERSITY	.07	-	-	.30	.06	.09	.16	.02	.01	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	.71
VERNON	.11	.05	.28	.01	.08	.24	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	.77
-7th-																									
LOCK NO 1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MOBILE WB AIRPORT 6	.11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-8th-																									
ADDISON	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BEXAR 2 MILES SE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	.01	-	-	-	.01	.01	.01
FLAT ROCK	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	.02	-	-	-	-	-	.02
-9th-																									
ABBEVILLE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	.15	.05	-	.01	.35	.56	
ADDISON	-	-	.01	-	-	-	.01	-	.22	.01	.01	.01	.24	.01	.01	.01	1.63	.25	.09	-	-	-	-	.53	
ANNISTON WB AIRPORT 6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	.31	.01	.60	.25	.09	.01	.01	1.28	
ASHLAND //	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	.38	-	-	.11	-	-	-	.49	
ATMORE STATE FARM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	.39	.10	.11	-	-	.49	
AUBURN SCS 10	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	.43	
BELGREEN	-	-	-	-	.29	.02	.01	-	.01	.02	.02	-	.31	.03	.18	-	-	-	.08	-	.01	.02	-	.84	
BERRY	-	-	-	-	.14	.13	.01	.01	.01	.01	.01	.03	.01	.01	-	-	.08	.60	.09	.21	.08	.05	.01	.01	.49
BEXAR 2 MILES SE	-	-	.01	.01	.29	.03	.01	.01	.01	.01	.01	.03	.01	.01	-	-	.11	.11	.04	.06	-	.04	.04	1.23	
BIRMINGHAM WB AIRPORT	-	-	-	-	.02	.11	-	-	-	.02	.11	-	.08	.60	.09	.21	.08	.10	.11	.04	.06	-	.03	.03	.55
BOAZ	-	-	-	-	.12	.02	.02	-	-	.01	.08	.06	.10	.11	-	-	.30	.50	.04	.06	-	.06	.01	.01	.90
DADEVILLE NO 2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	.08	.01	.06	.01	.01	.17	
DOTHAN CAA AIRPORT	-	-	-	-	-	-	-	-	-	-	-	-	.03	.50	.24	.02	-	-	.08	.01	.06	.01	.01	.30	
EUTAW LOCK NO 7	-	-	-	-	-	-	-	-	-	-	-	-	.28	.02	-	-	-	-	.08	.01	-	-	-	.79	
FLAT ROCK	-	-	-	-	-	-	-	-	-	-	-	-	.10	.11	.01	-	.02	.02	.06	-	-	-	-	.48	
FORT PAYNE	-	-	-	-	.04	.16	.02	.01	-	-	-	-	.15	.09	.02	.15	-	.10	.01	-	.06	.07	-	.70	
GARDEN CITY	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	.37	.07	-	-	-	-	-	.48	
GREENVILLE NO 2	-	-	-	-	.02	.05	.18	.02	.02	-	.06	.01	.08	.03	-	-	.07	.01	.01	-	.04	.02	-	.53	
GUNTERSVILLE REC	-	-	-	-	.11	.20	.01	-	-	.33	.08	.27	.56	.61	.03	.01	.08	.01	.01	-	-	-	-	.41	
HALEYVILLE	-	-	-	-	.01	.01	.03	-	-	-	-	-	-	-	-	-	.46	.11	-	.01	-	-	-	1.61	
HUNTSVILLE 6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	.43	.19	.01	-	-	-	-	.63	
JACKSONVILLE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	.58	
LAY DAM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	.58	
LOCK NO 1 //	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	.17	
MAGNOLIA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	.46	.11	-	.01	-	-	-	.58	
MARION 1 MILE SSE																									

HOURLY PRECIPITATION

ALABAMA
MARCH 1949

Table 4-Continued

Station	A. M. Hour ending												P. M. Hour ending												Total	
	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12		
-10th-																										
ABBEVILLE	.02			.01																					.03	
ANNISTON WB AIRPORT 6	.23																								.02	
ASHLAND //	.01	.01																							.13	
DOETHAN CAA AIRPORT	.13																								.22	
FLAT ROCK	.18					.01	.01	.02																	.04	
FORT PAYNE	.04									.05															.07	
GUNTERSVILLE REC		*	*	*	.02	*	.02																			
HUNTSVILLE 6	.05					*		.02																	.05	
LOCK NO 1 //	.03			.01	.01																				.03	
MARION 1 MILE SSE	.03																								.07	
MONTGOMERY WB AIRPORT 6	.19																									
MOULTON							.07																			
MUSCLE SHOALS 6	.03				.03	.03																			.06	
PAINT ROCK																									.23	
PLEASANT HILL	.09	.06	.02	.01					.02								.03									
-13th-																										
ABBEVILLE					.04	.05	.01	.01		.01			.02	.01	.06	.02									.11	
ADDISON										*	*	*													.12	
ANNISTON WB AIRPORT 6							.01	.19		.03	.01	.01	.17				.01	.01	.01						.28	
ATMORE STATE FARM							.12	.47	.24	.18	.09	.06	.04	.04	.03	.01									1.28	
AUBURN SCS 10							.06	.05	.07	.07	.11	.08	.04	.03											.51	
BELGREEN				.01																					.01	
BERRY					.13	.26	.02																		.41	
BEXAR 2 MILES SE				.08	.06		.01	.01	.01																.16	
BIRMINGHAM WB AIRPORT					.01	.23	.12	.03																	.39	
BOAZ				.01	.07	.03	.04	.07	.06	.02	.07														.15	
DADEVILLE NO 2																	.02	.06	.02						.22	
DOETHAN CAA AIRPORT																	.60	.48	.22	.15	.05	.01			1.51	
FORT MORGAN //							.01	.01																	.02	
FORT PAYNE							.15	.10																	.25	
GARDEN CITY																									.03	
GREENVILLE NO 2												.02	.01												.10	
HALEYVILLE					.07	.03																			.03	
HUNTSVILLE 6	*	*	*	*	*	*	.04																		.11	
JACKSONVILLE							.01	.09		.01															.05	
LAY DAM										.01	.01														.05	
LOCK NO 1 //	-	-	-	-	-	-	-	-	.04	.22	.15	.13	.01	.04	.01										.05	
MIDWAY																										
MOBILE WB AIRPORT 6								*	*	*	*	*	.68	*	*	*	*	*	.33	*	*	*	*	*	*	1.00
MOBILE WB CITY											.15	.31	.38	.13	.01		.01		.01						.02	
MONTGOMERY WB CITY													.02												.04	
MUSCLE SHOALS 6	*	*	*	*	*	*	.04																			
PAINT ROCK					.02		.02																		.35	
PETERMAN										.01	.01	.08	.15	.06	.03	.01									.23	
TRAFORD						.02	.15	.04	.01																.05	
TROY													.02	.01	.01			.01							.08	
TUSCALOOSA AIRPORT 6	*	*	*	*	*	*	.03	*	*	*	*	*	.01												.30	
UNIVERSITY					.06																					
VERNON				.01	.06	.23																				
-14th-																										
ABBEVILLE							.05	.05	.06	.18	.15	.14	.14	.03	.06	.05	.05	.01	.01						.98	
ADDISON															.01	.01	.01								.03	
ATMORE STATE FARM	.01			.01	.01	.01	.03	.08	.02	.06	.08	.11	.09	.05	.01	.05	.05	.02	.02	.02	.01				.62	
DADEVILLE NO 2															.05	.03	.02	.02	.02		.01				.15	
DOETHAN CAA AIRPORT							.01	.05	.04	.01	.10	.07	.06	.06	.05	.05	.05	.04	.02	.04					.65	
EUTAW LOCK NO 7															.01	.01									.02	
FORT MORGAN //	.01	.02	.02	.04	.02	.04	.14	.11	.02	.02	.08	.05	.02												.59	
GREENVILLE NO 2							.05	.04	.06	.18	.22	.16	.09	.10	*	*	*	.05		.01					.95	
HUNTSVILLE 6															*	*	*									
LOCK NO 1 //				.01	.01		.02	.15	.51	.16	.12	.25	.07	.05	.09	.04	.01	.03	.01	.01					1.30	
MAGNOLIA							.23	.04	.04	.05	.09	.04	.01	.03	.01	.01	.55								.55	
MIDWAY							.02	.08	.10	.14	.11	.09	.05	.04	.02	.01	.66									
MOBILE WB AIRPORT 6	.01	*	*	*	*	*	.09	*	*	*	*	*	.40	*	*	*	.22									
MOBILE WB CITY																									.60	
MONTGOMERY WB AIRPORT 6			.01	.01	.07	.06	.04	.05	*	*	*	*	.21	*	*	*	.25	*	*	*	*	*	*	*	.49	
MONTGOMERY WB CITY													.04	.06	.05	.08	.09	.04	.03		.01				.82	
PETERMAN							.06	.21	.08	.08	.15	.11	.06	.05	.02										.41	
PLEASANT HILL									.05	.09	.05	.05	.04	.04	.03	.03			.02	.01					.10	
THORBY 1 MILE SW									.10																1.20	
TROY							.01	.04	.09	.14	.15	.15	.13	.16	.17	.08	.07	.01								
-15th-																										
DADEVILLE NO 2							.01																		.01	
MONTGOMERY WB AIRPORT 6	.02																									
NEW BROCKTON	-	-	-																						.08	
PLEASANT HILL				.01					.01		.01	.01	.04													
-17th-																										
ADDISON																									.01	
BELGREEN																									.01	
BEXAR 2 MILES SE																									.16	
GREENVILLE NO 2							.05	.04																	.05	
GUNTERSVILLE REC							*	*	*	*	*	*	.06	*	*	*	*	.03	.02	*	*	*	.01	.01	*	.07
HUNTSVILLE 6																										
MOULTON																									.04	
MUSCLE SHOALS 6							*	*	*	*	*	*	.10	*	*	*	*	*	.02	*	*	*	*	*	*	.04
TONEY															.04	*	*	*							.26	
TUSCALOOSA AIRPORT 6															*	*	*	*	.01				.26	.30	.60	
-18th-																										
ABBEVILLE							.05	.26	.04																.35	
ADDISON	.07	.21	.01																						.29	
ANNISTON WB AIRPORT 6		*	*		*	*	.37				</															

HOURLY PRECIPITATION

ALABAMA
MARCH 1949

Table 4-Continued

Station	A. M. Hour ending												P. M. Hour ending												Total
	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	
PORT PAYNE	.01	.07	.07	.39																					.54
GARDEN CITY		.01	.07	.01																					.09
GUNTERSVILLE REC		.06	.04	.32	.02	.03	.03																		.50
HALEYVILLE	.14	.14	.01																						.29
HUNTSVILLE 6	.01	*	*	*	*	*	.42																		
JACKSONVILLE			.02	.37	.01																				.40
LAY DAM				.19																					.19
MAGNOLIA			.01	.01	.09	.01																			.12
MARION 1 MILE SSE				.38																					.38
MIDWAY							.09																		.09
MOBILE WB AIRPORT 6		*	*	*	*	*	.11	*	*	*	*	*	.08												
MOBILE WB CITY						.08	.09	.08	*	*	*	*													.25
MONTGOMERY WB AIRPORT 6		*	*	*	*	*	.08	*	*	*	*	*	.01												
MONTGOMERY WB CITY						.13																			.13
MOULTON	.15	.01	.01	.03	.01		.09																		.30
MUSCLE SHOALS 6	.26																								
NEW BROCKTON						.01	.05	.16																	.22
PAINT ROCK	.11	.05	.35				.10	.17																	.51
PLEASANT HILL					.29	.01																			.28
THORSBY 1 MILE SW																									.30
TONEY	.50																								.50
TRAFFORD				.23	.01	.01																			.25
TROY							.32	.02																	.34
TUSCALOOSA AIRPORT 6	*	*	*	*	*	*	.20																		
UNIVERSITY			.14	.03	.01																				.18
VERNON	.02	.21	.02																						.25
-21st-																									
ADDISON														.02	.01	.01	.06	.30	.15	.04	.05	.05			.69
ANNISTON WB AIRPORT 6																									
ASHLAND //																				.02	.05	.02			.09
ATMORE STATE FARM																									
BELGREEN																	.42	.15	.11	.02	.08	.39	.12	2.37	
BERRY																	.04	.21	.33	.16	.05	.04			.83
BEXAR 2 MILES SE														.02	.31	.35	.19	.02	.06	.01	.01				.97
BIRMINGHAM WB AIRPORT																	.01	.12	.40	.01	.09				.63
BOAZ																		.02	.05	.01					.08
DADEVILLE NO 2																	.01	.01	.06						.08
EUTAW LOCK NO 7																	.03	.22	.40	.35	.13	.20	.22	.16	1.76
PORT MORGAN //																	.33	.04							.37
PORT PAYNE																				.01	.01	.01	.01		.03
GARDEN CITY																			.01	.31		.13	.04	.19	.68
GREENVILLE NO 2																				.32	.20	.02			.54
GUNTERSVILLE REC																									
HALEYVILLE																	.02	.33	.22	.13	.03	.11	.01		.85
HUNTSVILLE 6																	*	*	*	*	*	*	*	*	
JACKSONVILLE																		.03	.02	.03					.08
LAY DAM																				.04	.25	.10	.01		.40
LOCK NO 1 //														-	-	-	-	-	.01	1.01	.13	*	*	*	-
MAGNOLIA																			.11	.32	.41	.04	.20	.13	1.21
MARION 1 MILE SSE																		.04	.24	.37	.25	.08	.20		1.18
MIDWAY			.03	.02	.05	.13	.15	.02	.01																.41
MOBILE WB AIRPORT 6														*	*	*	*	*	.01	*	*	*	*	*	.97
MOBILE WB CITY																		.09	.59	.27	.01	.01			
MONTGOMERY WB AIRPORT 6																		*	*	*	*	*	*	*	
MONTGOMERY WB CITY																			.13	.24	.03				.40
MOULTON																		.06	.03	.01					.13
MUSCLE SHOALS 6																		*	*	*	*	*	*	*	
PAINT ROCK																									.09
PETERMAN																		.04	.08	.01	.08	.06			.27
PLEASANT HILL																		.10	.38	.16	.02				.66
THORSBY 1 MILE SW																		.18	.32	.09					.59
TONEY																		.10	.20	.09	.03	.07			.49
TRAFFORD																		.01	.22	.28					.68
TROY																					.06	.12			.18
TUSCALOOSA AIRPORT 6	*	*	*	*	*	*																			
UNIVERSITY																	.05	.47	.43	.20	.03	.09	.02	.04	1.33
VERNON																									
-22d-																									
ABBEVILLE							.15	.04	.01	.02		.01	.01												.24
ADDISON		.04	.06	.01																					.11
ANNISTON WB AIRPORT 6	.04	*	*	*	*	*	.15	*	*	*	*	*	.02												
ASHLAND //	.01	.14	.06	.09	.05	.03	.08	.03	.01	.01	.01														.52
ATMORE STATE FARM	.11	.01	.01	.27	.51	.02	.01	.02																	.96
AUBURN SCS 10				.08	.03	.02	.09	.14	.03	.10	.35	.07	.02												.93
BELGREEN		.01	.04			.03	.31	.01		.02	.02														.45
BERRY	.17	.04																							.21
BEXAR 2 MILES SE	.01	.01	.01			.02	.03	.01	.01																.10
BIRMINGHAM WB AIRPORT	.48	.06		.11	.03																				.68
BOAZ	.17	.14	.03	.01	.05	.02																			.42
CAMPBELL	-	-	-	-	-	-	-	-	-	-	-	-	-												-
DADEVILLE NO 2	.02	.01	.01	.05	.01	.09	.11	.12	.02	.01	.06	.02													.47
DOTHAN CAA AIRPORT							.02	.01	.01	.01															.10
EUTAW LOCK NO 7	.03	.25	.01				.01																		.31
FLAT ROCK	.09	.03	.03	.03	.01	.01																			.20
PORT MORGAN //	.01	.01	.36	2.00	.01	.06	.02																		2.47
PORT PAYNE	.01	.22	.09	.03	.06	.06	.01																		.48
GARDEN CITY	.30	.06	.01	.07	.05	.02																			.51
GREENVILLE NO 2	.05	.05	.09	.01	.09	.11	.03	.02	.15		.04														.64
HALEYVILLE	.02	.13	.10																						.25
HUNTSVILLE 6	.35	*	*	*	*	*	.04																		

ALABAMA
MARCH 1949

Table 4-Continued

[illegible]

ALABAMA
MARCH 1949

[illegible]

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HOURLY PRECIPITATION

ALABAMA
MARCH 1949

Table 4-Continued

Station	A. M. Hour ending												P. M. Hour ending												Total
	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	
TRAFFORD	.18	.01																							.19
TROY																									2.58
TUSCALOOSA AIRPORT	1.31	*	*																						
UNIVERSITY	.25	.14	.02			.01	.01	.01	.01		.01						.01								.46

DAILY TEMPERATURES

Table 5

Station	Day of month																													Average		
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
ALBANYVILLE 1 MILE S	MAX 39	44	51	57	70	72	65	64	66	61	58	53		58	53	42	55	66	52	56	70	71	71	79	75		81	60	71	74	75	62.4
	MIN 23	24	27	28	38	52	31	33	34	33	33	31		39	33	22	34	36	27	30	46	54	41	49	59		51	52	48	61	61	39.3
ALEXANDER CITY 6 MI NE	MAX 47	51	59	64	68	72	61	58	68	69	47	59	65	55	54	51	58	68	68	58	69	74	74	75	79	83	84	79	66	72	71	65.4
	MIN 26	30	31	31	30	37	35	28	33	41	34	27	34	40	34	24	31	33	30	28	40	50	46	45	55	62	66	54	49	54	61	39.3
ANDALUSIA	MAX 53	53	57		70	74	72	60	72	70	65	64	72	65	59	62	62	75	55	60	70	75	82	78	85	84	83	84	73	72	83	69.6
	MIN 32	37	37		43	53	39	38	51	41	34	38	50	54	44	33	42	55	31	39	51	59	52	57	57	65	68	55	56	61	62	47.8
ANNISTON	MAX 50	58	65	69	74	67	58	69	66	60	58	63	56	57	50	60	72	66	57	70	75	76	76	82	83	85	75	66	75	72	77	67.3
	MIN 26	35	31	32	36	45	36	35	47	40	36	30	41	42	33	25	33	35	32	33	50	57	47	53	62	65	56	52	51	61	56	42.4
ANNISTON WB AIRPORT	MAX 48	56	63	67	73	65	56	67	63	58	57	61	55	56	48	58	70	64	55	69	73	74	75	81	80	84	73	64	73	70	76	65.5
	MIN 25	34	29	29	34	44	34	33	46	37	34	28	40	41	29	23	32	32	28	31	49	56	44	51	62	63	54	51	50	59	55	40.5
ATMORE STATE FARM	MAX 54	55	65	72	71	77	64	74	75	62	65	72	65	61	61	61	70	65	61	73	75	82	80	80	83	83	80	75	71	82	80	70.8
	MIN 34	42	35	36	40	53	41	38	51	43	34	38	54	56	44	35	40	47	33	33	54	59	52	60	65	68	57	56	57	62	66	47.8
AUBURN	MAX 48	51	58	65	67	71	59	57	67	69	50	60	64	53	55	54	58	68	58	58	67	73	74	76	79	81	82	80	66	71	76	65.0
	MIN 26	30	33	31	37	45	34	31	42	41	31	30	41	44	38	27	33	46	31	35	47	50	50	51	59	63	62	53	52	54	54	42.0
BAY MINETTE	MAX 56	51	65	71	71	77	63	73	75	62	65	73	67	60	64	66	71	66	62	73	72	81	79	78	82	81	75	71	73	80	80	70.4
	MIN 34	43	36	38	41	53	41	38	51	42	35	35	55	55	44	36	47	44	33	38	48	62	51	55	67	68	55	56	56	63	63	47.8
BIRMINGHAM WB AIRPORT	MAX 48	56	62	68	74	66	58	67	63	50	57	64	62	57	47	58	72	65	53	69	73	77	73	80	76	83	71	66	74	68	77	65.6
	MIN 26	33	27	30	40	44	33	35	50	36	34	30	42	41	31	28	37	33	26	31	54	54	43	54	61	67	54	54	52	60	58	41.9
BIRMINGHAM WB CITY	MAX 49	50	60	65	68	74	67	59	69	62	44	59	66	63	56	51	58	71	43	56	71	73	76	75	79	76	81	62	67	77	68	64.4
	MIN 25	28	32	36	39	52	33	35	47	36	35	33	40	44	34	28	33	40	29	34	44	54	46	50	61	62	61	54	53	58	61	42.5
BREWTON 3 MILES SSE	MAX 55	55	53	66	72	73	78	63	73	79	62	67	74	65	59	63	65	75	65	63	74	80	84	81	83	86	83	82	76	74	83	71.3
	MIN 34	35	30	30	30	45	41	31	43	44	34	31	43	54	44	31	33	45	31	31	47	56	48	49	58	64	67	55	54	59	63	43.9
CENTREVILLE	MAX 52	53	62	66	71	74	65	62	70	71	52	64	69	69	56	52	62	73	49	59	72	74	80	80	81	80	83	72	66	70	72	67.1
	MIN 29	29			40	46	31	44	45	40	36	31	44	45	33	26	33	42	28	29	36	53	42	52	54	63	70	55	51	54	60	43.7
CITRONELLE	MAX 60	54	64	70	75	78	71	73	76	61	65	72	64	63	63	66	70	67	62	73	71	81	80	81	81	80	73	71	69	80	80	70.8
	MIN 42	44	39	42	47	55	41	42	55	42	35	44	56	54	44	36	50	48	33	40	54	61	50	5	58	68	56	55	56	62	65	49.2
CLANTON	MAX 48	49	60	62	68	74	62	56	69	70	51	59	66	57	55	52	55	72	52	58	69	73	79	74	79	82	83	73	63	71	69	64.8
	MIN 27	27	32	30	30	38	34	33	34	39	35	32	36	44	35	27	28	45	31	31	40	51	48	49	55	63	67	54	52	53	61	40.7
CORDOVA	MAX 46	50	57	65	70	75	69	58	67	70	60	60	63	65	59	49	62	73	45	55	71	75	76	76	80	76	82	70	71	79	70	65.9
	MIN 25	28	24	25	35	48	34	30	44	36	35	34	40	14	30	22	32	36	24	26	45	56	40	49	58	60	57	54	45	60	61	39.9
DAYTON	MAX 55	50	59	63	70	74	68	60	73	76	58	57	68	68	55	55	61	75	60	58	71	75	80	70	82	80	83	84	65	68	72	67.5
	MIN 30	33	33	36	43	51	37	36	42	40	35	35	48	50	37	30	41	42	29	36	53	58	47	52	55	62	60	55	55	57	63	44.5
DECATUR	MAX 43	44	52	60	69	77	63	53	70	63	40	52	54	59	65	44	57	65	44	51	70	74	74	62	82	77	82	62	67	75	73	62.0
	MIN 24	26	31	31	35	39	32	33	39	34	33	33	35	41	34	25	27	38	31	32	39	51	48	49	52	62	61	54	53	55	61	39.9
DOTHAN CAA AIRPORT	MAX 53	60	66	70	74	76	60	69	70	58	63	66	64	60	62	59	71	64	60	68	74	75	76	83	83	86	84	69	69	80	76	69.3
	MIN 29	35	32	30	34	45	40	30	41	40	34	32	41	47	40	32	33	38	32	31	47	57	53	53	59	62	57	55	55	60	60	43.0
EUPAULA	MAX 53	55	59	69	74	78	61	62	72	75	57	64	70	63	52	61	62	75	65	62	74	73	79	80	88	89	90	89	73	75	84	70.4
	MIN 31	32	32	30	37	51	38	32	37	46	34	34	36	50	44	30	33	41	42	33	45	52	53	55	61	62	64	52	56	60	63	40.7
EVERGREEN	MAX 53	55	60	68	72	75	74	63	73	76	58	64	73	62	56	62	64	75	56	63	74	77	84	81	83							
	MIN 33	37	32	33	38	44	39	34	46	43	34	34	47	54	43	34	41	52	30	38	56	59	51	59	62							
FAIRHOPE	MAX 56	51	64	69	73	78	73	74	78	64	66	72	78	60	66	64	73	67	64	72	72	79	77	78	83	81	78	77	75	79	79	71.6
	MIN 35	41	38	39	42	55	42	40	53	44	35	41	56	54	46	37	48	37	32	40	55	58	51	54	66	69	55	55	56	64	61	48.4
FAYETTE	MAX 49	52	58	55	70	75	67	60	71	62	48	60	66	68	59	53	60	72	42	57	62	76	75	75	80	76	83	62	71	81		64.8
	MIN 24	27	29	26	29	42	34	30	36	37	35	27	34	45	29	23	31	31	25	27	41	57	38	45	58	62	61	54	49	57		38.1
PORT MORGAN	MAX 58	53	56	62	68	69	72	61	70	74	63	68	70	74	62	66	63	70	59													

DAILY TEMPERATURES

ALABAMA
MARCH 1949

Table 5-Continued

Station	Day of month																													Average		
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
LA FAYETTE	MAX MIN	52 25	60 35	65 33	70 36	74 42	68 50	60 33	70 32	72 45	69 38	60 31	66 34	61 41	53 36	60 25	70 41	65 39	56 30	68 32	73 34	75 52	76 45	81 52	85 61	86 61	82 57	65 53	69 50	75 57	78 60	68.2 42.1
LIVINGSTON	MAX MIN	51 30	59 41	64 31	70 39	75 58	69 37	62 33	72 53	76 40	60 36	59 33	68 54	70 50	65 31	54 29	62 45	75 40	57 30	72 31	74 52	76 59	68 45	80 52	84 65	82 68	77 56	67 55	66 55	73 61	72 62	68.7 45.2
LOCKHART	MAX MIN	54 32	54 38	53 39	65 38	71 41	73 50	76 41	60 38	72 49	60 45	64 35	72 49	69 56	57 46	63 33	75 41	56 34	60 38	70 54	78 58	81 55	77 57	83 63	84 65	83 70	82 56	70 59	81 63	69.3 48.1		
LOCK NO 4	MAX MIN	43 26	47 27	56 29	69 28	68 29	70 37	65 33	57 32	67 35	61 37	44 35	50 28	61 33	57 36	56 31	48 26	58 31	69 26	46 28	55 31	69 52	73 46	74 49	78 54	76 61	82 67	71 52	65 48	74 55	69 60	63.0 38.5
MADISON	MAX MIN	43 20	53 31	58 24	68 29	68 40	76 49	69 27	55 34	67 49	62 32	52 30	58 28	56 35	53 39	49 28	61 19	65 38	53 32	69 24	75 30	75 46	80 53	83 40	84 44	82 55	77 62	69 51	71 47	75 57	65.0 38.8	
MAXWELL FIELD	MAX MIN	52 31	58 41	64 36	68 42	72 50	63 39	59 37	70 53	73 59	62 36	67 44	60 52	55 44	56 37	58 33	66 42	66 38	69 32	75 58	80 51	80 58	75 51	82 56	85 67	85 69	80 56	67 56	70 63	75 66	68.2 46.5	
MOBILE WB AIRPORT	MAX MIN	55 36	51 42	65 38	70 46	71 54	80 43	62 42	70 55	73 62	62 46	67 44	70 52	61 44	65 37	65 33	68 40	66 38	62 32	71 40	71 57	79 58	80 51	76 58	81 67	78 69	74 56	75 56	72 65	77 65	79 62	69.9 49.2
MOBILE WB CITY	MAX MIN	53 37	50 46	64 39	70 46	68 56	80 47	62 44	69 59	71 62	66 43	69 45	60 54	65 47	63 40	59 33	68 43	61 38	71 44	70 59	74 61	79 53	76 57	81 66	82 69	77 56	72 56	74 60	75 65	80 66	69.2 51.0	
MONTGOMERY WB AIRPORT	MAX MIN	53 30	61 41	66 35	69 40	74 48	64 38	60 34	71 49	74 59	61 39	68 36	58 50	55 48	59 35	73 40	66 31	61 34	70 52	76 58	81 51	76 56	83 63	86 65	86 65	81 56	68 55	70 66	76 74	68 63	68.9 45.2	
MONTGOMERY WB CITY	MAX MIN	52 30	60 41	65 39	69 46	74 51	62 39	59 40	70 52	72 58	62 36	67 39	57 50	56 39	54 32	58 26	72 46	66 34	60 39	69 51	74 57	80 53	74 58	83 66	82 66	85 56	81 56	66 56	70 63	75 63	79 64	68.2 47.4
MUSCLE SHOALS	MAX MIN	43 23	54 34	59 30	67 32	74 49	63 41	53 31	68 36	64 44	52 34	60 29	54 32	55 38	56 30	58 25	60 46	52 34	68 31	70 48	71 52	69 46	82 48	78 60	80 67	75 55	76 53	68 52	74 61	75 54	72.9 41.5	
ONEONTA	MAX MIN	42 24	48 25	55 28	60 27	68 34	76 41	65 35	56 32	70 42	64 35	40 27	54 33	60 39	56 33	56 23	60 43	59 23	69 40	92 28	72 32	76 51	71 46	80 50	73 63	83 62	62 53	65 48	75 53	67 58	62.4 37.8	
OEARK	MAX MIN	53 30	56 40	66 38	71 45	76 48	66 39	70 38	73 47	70 47	63 33	70 40	64 47	61 51	62 44	74 40	71 47	60 31	71 48	75 51	75 59	79 54	85 57	85 64	87 67	86 74	72 55	83 66	79 61	71.7 47.3		
PRATTVILLE	MAX MIN	50 31	52 34	60 34	60 32	78 37	64 39	60 38	70 34	73 46	56 43	61 33	56 39	54 50	54 31	59 37	76 39	60 30	58 34	71 39	74 34	81 52	75 56	82 63	85 62	80 57	61 56	69 51	74 58	66.4 43.0		
PUSHMATAHA	MAX MIN	51 31	54 30	60 34	66 38	70 40	73 38	73 35	70 32	70 36	68 34	68 36	56 36	56 41	76 31	65 46	76 41	65 30	67 40	72 59	72 40	72 59	72 40	72 59	72 40	72 59	72 40	72 59	72 40	72 59	72 40	72.0 40.0
ROBERTSDALE 7 MILES E	MAX MIN	57 29	52 44	65 36	71 39	71 52	71 41	71 35	70 50	77 43	69 38	71 34	72 50	67 46	66 53	63 45	68 53	64 31	71 37	79 55	78 64	71 51	79 64	81 53	81 59	79 68	78 58	75 55	80 58	80 63	71.5 47.6	
ROCK MILLS	MAX MIN	48 27	52 28	60 33	66 28	69 34	73 35	61 32	59 32	69 42	69 35	66 28	65 38	52 35	54 24	52 25	59 35	69 29	62 29	68 40	74 47	77 46	80 48	83 53	85 56	80 60	77 54	71 49	73 50	65.7 38.4		
SAINT BERNARD	MAX MIN	41 24	44 25	52 27	59 32	68 37	74 41	67 33	55 32	69 43	61 33	53 30	56 33	61 33	55 22	44 32	57 38	69 28	41 29	50 29	70 52	73 46	75 46	79 54	73 60	80 58	65 53	65 48	75 53	68.1 38.2		
SCOTTSBORO	MAX MIN	48 23	59 34	63 25	67 38	74 50	67 38	59 31	68 48	67 32	58 34	60 30	64 43	54 32	49 21	57 38	63 36	63 26	71 30	74 55	70 42	75 55	82 44	79 60	82 63	75 55	71 52	78 50	68 60	78.6 40.9		
SELMA	MAX MIN	51 31	54 32	60 35	66 33	70 42	66 38	60 36	70 38	78 41	54 35	61 36	66 38	62 50	55 40	57 32	60 35	74 47														

STATION INDEX

ALABAMA
MARCH 1949

Station	County	Index No.	Drainage	Latitude	Longitude	Elevation	Observer	Refer to tables	Station	County	Index No.	Drainage	Latitude	Longitude	Elevation	Observer	Refer to tables
ABTVELLY	0008 HENRY	4	31 34 85 15				MID J. P. MITCHELL	3 4	LOCK NO 3	4840 CHOCTAW	13 32 17 88 01	33	7A U. S. ENGINEERS	2 3 5			
ADDITION	0063 WINSTON	2	34 13 87 10				MID PALMER GOSTY	3 4	LOCK NO 4	4845 TALLADEGA	13 37 38 86 11	510	7A U. S. ENGINEERS	2 3 5			
ADDITION CENTRAL TOWER	0071 LAWRENCE	2	34 25 87 10				7A U. S. F. S.	3 4	LOCK NO 17	4855 TUSCALOOSA	33 29 87 20	280	7A U. S. ENGINEERS	2 3 5			
ALABAMA STATE FARM	0117 LAWRENCE	2	34 25 87 10				ALA. POLY. INST.	3 4	LOCK NO 18	4855 TUSCALOOSA	33 29 87 20	280	7A U. S. ENGINEERS	2 3 5			
ALBERTA	0140 WILCOX	1	32 14 87 25				8A SIDNEY J. HARDY, SR.	3 4	MAGNOLIA	4976 JEFFERSON	33 30 86 51	654	5A ALABAMA POWER CO.	3 4			
ALBERTVILLE 1 MI S	0148 MARSHALL	12	34 16 86 13	1114			8A PAT M. COURINGTON	2 3 5	MAGNOLIA	3004 WARREN	1 32 08 87 39		MID DR. T. H. GALLARD	3 4			
ALEXANDER CITY 6 MI NE	0178 MOBILE	13	32 59 85 52				8A F. J. BLACKBURN	2 3 5	MAGNOLIA 1 MILE SSE	3108 WILCOX	3 32 37 87 18	263	6A WYRON HOLIFIELD	3 4			
ALICEVILLE	0178 MARSHALL	13	33 08 86 10				7A HOSTE PHILLIPS	2 3 5	MARTIN JUNCTION	5116 DALLAS	33 26 87 14	204	8A MRS. MARGARET SMITH	3 4			
ANDALUSIA	0252 COVINGTON	6	31 19 86 30	346			8A W. W. GARRETT	2 3 5	MARTIN DAM	5140 TALLAPOOSA	11 32 40 85 55	340	6A ALABAMA POWER CO.	3 4			
ANNISTON	0267 CALHOUN	7	33 40 85 30	724			6P WP. WEATHER BUREAU	2 3 5	MAXWELL FIELD	3206 MONTGOMERY	1 32 25 86 25	165	MID MID U. S. ARMY AIR FORCES	2 3 5			
ANNISTON WB AIRPORT	0272 CALHOUN	7	33 35 85 51				MID U. S. WEATHER BUREAU	2 3 5	MELVIN	3354 CHOCTAW	13 31 56 88 27		7A JOHN R. LAND	3 4			
ARTAY	0338 WINSTON	2	34 44 87 13				MRS. LESTIE L. MCQUEEN	2 3 5	MELVIN 3 MILES E	3362 BIBB	3 32 55 87 30	600	USFS	3 4			
ASHLAND	0369 CLAY	1	33 16 85 50				MID HENRY L. MCQUEEN	2 3 5	MIDWAY	5397 WILCOX	13 32 04 85 32		MID MATHW. W. HALL	3 4			
ASHVILLE	0377 ST. CLAIR	7	33 50 86 16	880			8A MRS. B. C. BANKS	2 3 5	MILLERS FERRY	5417 WILCOX	1 32 06 87 22	78	8A NORMAN D. WILLIAMS	3 4			
ATKINS	0380 LIMESTONE	12	34 48 86 05	709			7A TWA-62	2 3 5	MILLEY	5427 WASHINGTON	13 31 38 88 19	362	6P HARRIS M. BLOUNT	2 3 5			
ATMORE STATE FARM	0402 ESCAMBIA	8	31 10 87 29				7A ATMORE STATE FARM	2 3 5	MILWAU	5439 MACON	11 32 27 85 54	206	8A T. C. CARA	3 4			
AUDURN	0422 LEE	11	32 36 85 30	732			8A MRS. MARTHA I. MOORE	2 3 5	MITCHELL DAM	5465 CHILTON	7 32 48 86 27	350	6A ALABAMA POWER CO.	3 4			
AUDURN SCS 10	0427 LEE	11	32 36 85 29				MID SCS	2 3 5	MOBILE WB AIRPORT	5478 MOBILE	30 41 88 12		MID MID U. S. WEATHER BUREAU	2 3 5			
AUTAGAUVILLE	0440 AUTAGA	1	32 26 86 39				8A J. B. NEIGHBORS	2 3 5	MOBILE WB CITY	5483 MOBILE	30 42 88 02	10	MID MID U. S. WEATHER BUREAU	2 3 5			
BARTON	0546 COLBERT	12	34 43 87 52	463			7A TWA-62	2 3 5	MONTA SANO	5529 MADISON	12 34 45 86 31	1650	7A TWA-530	3 4			
BAW MINETTE	0583 BALDWIN	9	30 53 87 47	268			7P GROVER W. WOODWARD	3 4	MONTVALLO	5537 SHELBY	3 33 06 86 53	462	8A M. P. JETER	3 4			
BEATRICE	0616 MONROE	1	31 44 87 13				7A F. P. DUNN	2 3 5	MONTGOMERY WB AIRPORT	5550 MONTGOMERY	1 32 18 86 23	198	MID MID U. S. WEATHER BUREAU	2 3 5			
BEAUFORT	0631 FRANKLIN	12	34 28 87 52	910			MID TWA-43	2 3 5	MONTGOMERY WB CITY	5553 MONTGOMERY	1 32 23 86 18	301	MID MID U. S. WEATHER BUREAU	2 3 5			
BERN	0748 PAYETTE	2	33 40 87 36				MID MISS CLARA R. OLIVE	3 4	MOUTON	5625 LAWRENCE	12 34 29 87 17	630	MID TWA-381	3 4			
BEYAR 2 MILES SE	0750 MARION	13	34 12 88 09				MID W. H. WHITEHEAD	2 3 5	MUSCLE SHOALS	5749 COFFEE	12 34 44 87 36	540	MID MID CAL.	2 3 5			
BILLINGSLEY	0823 AUTAGA	1	32 38 86 45				7A MRS. T. L. GALLMAN	2 3 5	NEW BROCKTON	5878 COFFEE	12 34 29 87 35	560	MID E. EARL DOYET	3 4			
BIRMINGHAM WB AIRPORT	0831 JEFFERSON	2	33 34 86 45	610			MID U. S. WEATHER BUREAU	2 3 5	NEWBURN	5847 FRANKLIN	12 34 29 87 35	660	7A TWA-644	3 4			
BIRMINGHAM WB CITY	0836 JEFFERSON	2	33 32 86 46	594			8A MRS. CARRIE B. HORTON	2 3 5	NEWTON	5852 MADISON	12 34 54 86 26	725	7A TWA-624	3 4			
BISHOP	0845 COLBERT	12	34 38 88 05	470			7A TWA-62	2 3 5	NEWTON	5875 DALLAS	5 31 20 85 37	216	10A PDM WYNN	3 4			
BOAZ	0957 MARSHALL	2	34 13 86 10				7A WILFORD H. DOOLEY	3 4	ONKONTA	6121 BLOUNT	2 33 57 86 30	857	7A L. E. SELLERS	2 3 5			
BRAWLEY	1069 ESCAMBIA	6	31 35 86 16	284			8A R. E. HENDERSON	2 3 5	ORVILLE	6161 DALLAS	1 32 18 87 14	200	8A EDWARD B. WARREN	3 4			
BRENTON 3 MILES SSE	1084 ESCAMBIA	6	31 04 87 03	85			6A MRS. CLARA T. PEAY	2 3 5	OSKAL	6218 DALE	5 31 23 85 39	400	7A MRS. MARY E. SCOTT	2 3 5			
BRIDGEPORT 2 MILES W	1099 JACKSON	12	34 28 87 52	515			5P MISS M. LOUISE JONES	3 4	OSTRICK	6226 JACKSON	12 34 40 86 56	610	MID TWA-59	3 4			
BUNDEICE	1178 MOBILE	13	31 45 85 49	505			8A G. L. HICKS	2 3 5	PALMERDALE	6246 JEFFERSON	3 33 44 86 39		8A ROBERT P. STORIS	3 4			
CALEDA	1288 SHELBY	7	33 06 86 45	510			8A L. B. N. R. AGENT	2 3 5	PERRYVILLE	6362 PERRY	12 32 37 87 08		MID MRS. GERTRUDE GREEN	3 4			
CAMPBELL	1315 CLARK	12	33 51 87 59				MID P. DONALD REID	2 3 5	PERRYVILLE	6362 PERRY	12 32 37 87 08		MID MRS. HINTA EDDINS	3 4			
CARBON HILL	1377 WALKER	2	33 54 87 32	430			7A MISS MARY C. RAY	2 3 5	PICKENSVILLE	6414 PICKENS	13 33 13 88 16		7A MRS. DORA I. CLAY	3 4			
CENTER GROVE	1452 MORGAN	12	34 23 86 38	780			7A U. S. DEPT. INTERIOR	2 3 5	PIKE HILL	6460 WILCOX	1 31 59 87 36	110	8A AUBREY T. WEATHERLY	3 4			
CENTER STAR	1487 LAUDERDALE	12	34 23 86 38	780			7A TWA-62	2 3 5	PIKE HILL	6460 WILCOX	1 31 59 87 36	110	7A MRS. DORA I. CLAY	3 4			
CENTREVILLE	1520 BIBB	3	32 57 87 08	230			8A W. D. HOLLIFFIELD	2 3 5	PLANTERSVILLE	6508 DALLAS	1 32 39 86 56		8A O. W. BURNES	3 4			
CHILDERSBURG	1615 TALLADEGA	7	33 17 86 21	540			6A ALABAMA POWER CO.	3 4	PLEASANT HILL	6526 DALLAS	1 32 09 86 58		MID CHARLES W. BERRY	3 4			
CITRONELLE	1685 MOBILE	9	31 05 88 14	331			7A B. O. JONES	2 3 5	PRATTVILLE	6640 AUTAGA	1 32 28 86 28	281	8A J. N. BUCKNER	2 3 5			
CLANTON	1694 CHILTON	7	32 51 86 38	590			7A HUGH M. SIMPSON	2 3 5	PRATTVILLE FARM	6684 MONTGOMERY	1 32 20 86 15	180	8A W. E. ELSBERN	3 4			
CLAYTON	1725 GADSDEN	12	34 28 87 52	470			7A CARL J. ROBBINS	2 3 5	PUGMATAHAMA	6719 CHOCTAW	13 32 12 88 21		8A MRS. JAMIE C. BROWN	2 3 5			
COFFEE SPRINGS	1807 GENOVA	5	31 10 85 55	255			8A C. B. ADKINS	2 3 5	RED BAY	6805 FRANKLIN	12 34 27 88 09	627	7A TWA-493	3 4			
COLEDA	1849 DE KALB	7	34 15 85 52	734			7A MRS. S. CUNNINGHAM	2 3 5	REFORM	6847 PICKENS	13 33 23 88 01		7A W. M. MC DONALD	3 4			
COLEDA	1845 HOUSTON	6	31 12 86 06	130			8A COY. COUNCILMAN	2 3 5	REPAIR FALLS	6875 DALLAS	1 32 08 86 32		7A MRS. DORA I. CLAY	3 4			
CORDEVA	1940 WALKER	2	33 46 87 11	334			8A MRS. C. GRESHAM	2 3 5	RIVER FALLS 2 MILES NE	6942 COVINGTON	6 31 23 86 33		MID ALABAMA ELECTRIC CO.	3 4			
CUDA	2079 SUTTER	13	32 26 88 23	215			8A REUDEN P. HARRIS	2 3 5	ROBERTSDALE 7 MILES E	6988 BALDWIN	9 30 33 87 48	148	6P CARL DOBICK	2 3 5			
DADEVILLE	2119 TALLAPOOSA	11	32 50 85 45	267			8A DR. W. D. FULTON	2 3 5	ROCK MILLS	7025 RANDOLPH	4 33 09 85 18	745	6A JAMES B. DAILEY	2 3 5			
DADEVILLE NO 2	2124 TALLAPOOSA	11	32 50 85 46				MID J. D. LAKE	3 4	SAINT BERNARD	7157 CULMAN	2 34 12 86 47	802	7A FR. FREDERICK SMITH	2 3 5			
DANVILLE	2141 PICKENS	17	32 08 87 13	593			7A E. F. SMITH	2 3 5	SAINT MARY'S STATE FARM	7297 DE KALB	13 32 08 86 15		8A J. N. BUCKNER	2 3 5			
DANVILLE	2149 MORGAN	12	34 25 87 41	593			7A TWA-503	2 3 5	SAYRE	7282 JACKSON	2 33 43 86 58	304	7A DORA R. WEBSTER	3 4			
DAYTON	2188 MARSHALL	13	32 21 87 39	575			8A JAMES M. CREWS	2 3 5	SCOTTSDORO	7304 JACKSON	12 34 41 86 02	660	7A MRS. KINZIE BOBO	2 3 5			
DECATUR	2207 MORGAN	12	34 25 87 41	593			8A MRS. DEBRA TRIMBLE	2 3 5	SCOTTSDORO SUBSTATION	7310 JACKSON	12 34 41 86 02	660	7A TWA-16A	3 4			
DECATUR NO 4	2216 MORGAN	12	34 27 86 59	588			8A TWA-639	2 3 5	SEALE 7 MILES WNW	7328 RUSSELL	4 32 18 85 17	348	8A B. G. BUSH	3 4			
DECATUR SUBSTATION	2221 MORGAN	12	34 26 86 58	600			8A TWA-411	2 3 5	SELMA	7366 DALLAS	1 32 05 87 00	157	7A JOHN O. RHODES	2 3 5			
DEMOBILIS	2341 MOBILE	13	31 45 85 49	505			7A J. L. ROBERTSON	2 3 5	SHEPHERD FLD NRSY	7415 COLBERT	12 34 46 87 42	505	7A TWA-49	3 4			
DIOTHA CAA AIRPORT	2372 HOUSTON	5	31 15 85 27	322			MID MID CAA	2 3 5	SHOMAKER SPRINGS	7460 LIMESTONE	12 34 51 87 12	610	7A TWA-662	3 4			
ELBA	2577 COFFEE	10	31 25 86 04	204			8A DOZIER B. ROBERTS	2 3 5	SLOCOMB	7576 GENOVA	5 31 06 85 43	465	6A PATRICK H. SMITH	3 4			
ELROD	2632 TUSCALOOSA	13	33 15 87 48				7A K. V. BERRY	2 3 5	SMITHSONIA	7599 LAUDERDALE	12 34 46 87 51	500	7A TWA-583	3 4			
ELUFALA	2727 BARBOUR	4	31 53 85 08	254			8A HARRY E. MAUGANS	2 3 5	SNOW HILL	7620 WILCOX	1 32 00 87 01	225	7A MRS. EVA R. RAY	3 4			
ELUFALA LOCK NO 7	2742 GREENE	2	32 47 87 50	130			7A TWA-503	2 3 5	SOUTH HILL	7671 DE KALB	12 34 24 86 02	990	7A TWA-75	3 4			
EVERGREEN	2758 CONSUM	6	31 26 86 58	340			8A MRS. JESSIE D. GILSON	2 3 5	SPRING HILL	7733 MOBILE	9 30 42 88 10	175	9A HANLIN H. TIPPINS	2 3 5			
FAIRGROVE	2813 BALDWIN	9	30 32 87 55	23			MID P. HAROLD F. YATES	2 3 5	SWAIN	7968 JACKSON	12 34 05 86 13	665	7A TWA-385	3 4			
FALLSVILLE	2840 MORGAN	12	34 42 86 55	780			8A TWA-385A	2 3 5	SYLACAUGA	7984 TALLADEGA	7 33 10 86 13	548	8A ALABAMA POWER CO.	3 4			
FALLS CITY 6 MILES NW	2848 WINSTON	2	34 04 87 20	650			7A USFS	2 3 5	SYLVANIA	8012 DE KALB	12 34 34 85 49	1400	7A TWA-386	3 4			
FARLEY	2857 MADISON	12	34 36 86 34	670			8A TWA-57	2 3 5	TALLADEGA	8024 TALLADEGA	7 33 26 86 06	554	7A C. D. WEAVER	2 3 5			
FAYETTE	2883 PAYETTE	2	33 47 87 30	780			8A W. W. RILEY	2 3 5	TALLADEGA HORN MTR. TOWNS	8017 TALLADEGA	7 33 26 86 04	1919	8A USFS	3 4			
FLAT ROCK	2945 JACKSON	12	34 46 85 41	1380			7A TWA-387	2 3 5	THOMASVILLE	8178 CLARKE	13 31 55 87 45	385	7A MRS. MINNIE DEATON	2 3 5			
FLORENCE AT LOCK	2976 LAUDERDALE	12	34 47 87 40	450			7A U. S. ENGINEERS	3 4	THORNTON 1 MILE SW	8204 CHILTON	1 32 54 86 44		MID SCS	3 4			
FORT DEPOSIT	3024 LOWNDES	6	31 59 86 35	520			7A MRS. ISABEL C. HUGHES	2 3 5	THURLOW DAM	8215 ELMORE	11 32 32 85 54	288	8A ALABAMA POWER CO.	3 4			
FORT MONROE	3035 BALDWIN	9	30 14 88 01	130			8A MID WM. H. CHANDLER	2 3 5	TIDBIE	8223 WASHINGTON	13 31 22 88 15	326	8A MISS DOROTHY TAYLOR	3 4			
FORT PAYNE	3043 DE KALB	7	32 46 85 43	879			8A JOHN W. PATRICK	2 3 5	TIDBIE	8259 MADISON	12 34 54 86 44	750	MID TWA-506	3 4			
FRISCO CITY	3105 MONROE	8	31 26 87 24	574			8A MRS. MELIA MCKENZIE	2 3 5	TRAFFORD	8285 JEFFERSON	2 33 49 86 44		7A MRS. M. JOHNSON	3 4			
GADSDEN	3151 ETOWAH	7	34 01 86 00	554			8A G. ERNEST HOLCOMB	2 3 5	TROY	8323 PIRE	10 31 49 85 58	580	8A THOMAS J. DILLARD	2 3 5			
GAINESVILLE	3160 SUTTER	13	32 49 88 08	130			7A FRANK J. FIELDS	2 3 5	TUSCALOOSA AIRPORT	8360 TUSCALOOSA	3 31 14 87 37	193	MID MID CAL.	2 3 5			
GARDEN CITY	3200 CULMAN	2	34 00 86 44	107			7A MRS. C. MC KENZIE	2 3 5	TUSCALOOSA LOCK & DAM	8385 TUSCALOOSA							

U. S. DEPARTMENT OF COMMERCE

CHARLES SAWYER, Secretary

WEATHER BUREAU

F. W. REICHELDERFER, Chief

CLIMATOLOGICAL DATA

ALABAMA

APRIL 1949

Volume LV No. 4



A. R. Long, Section Director - Montgomery

General Summary

Over most of the State, rainfall this April was rather light until the last 4 days when it was heavy in nearly all sections. Monthly totals were below normal in the majority of northern and western localities, and mostly above normal elsewhere. Temperatures followed the normal upward trend and were not unusual at any time except on the morning of the 17th when it was unusually cold.

Following general rain on the last day of March, there were 5 days with scattered showers and mostly rather low day time temperatures. From the 6th to the 10th, there was no rain, and temperatures climbed to about 5° above normal. On the 10-12th, light to moderate showers occurred, with some heavy accumulations in much of the southeast.

There was no rain from the 15th to the 19th, but exceptionally cold air for the time of year came in on the afternoon of the 16th, and by next morning (the Sunday set aside for Easter), almost record low temperatures for so late in the season were recorded, and minimums at two thirds of Northern Division stations were 32° or lower for this popularly expected "Easter cold snap". After the 20th, temperatures remained near normal.

A heavy local thundershower occurred in Mobile County in the late afternoon of the 21st. At the Mobile Weather Bureau City Office, 3.51 inches of rain fell in one hour, and there were altogether 4.16 inches in the storm. Heavy rain fell in the same area again the following day, making two day totals of 7.11 inches at the Mobile Airport and 6.18 inches at the City Office, respectively. Elsewhere over the State, showers were light to moderate and rather spotted from the 20th through the 22d. There were again some light to moderate scattered showers in the east central portion on the 24th.

A rainy spell set in late on the 26th, and lasted until early on May 2d. Unusually heavy rainfall from the 28th to the 30th, inclusive, was reported over an east central area including Chambers, Lee, Macon, and Russell Counties, most of Bullock County, and adjoining portions of Elmore, Montgomery, Randolph, and Tallapoosa Counties. The 3 day total at Seale was 8.23 inches while Milstead had 7.78 inches, and Tuskegee 7.50 inches, in this period.

Field work, which had been getting behind on account of wet soil during March, made rapid progress, and as the month ended, planting was up to date except in some northeastern counties where there was some lag. At the beginning of the month, some cotton was coming up in the southeast, and at the end, planting of corn and cotton was advanced in central Alabama and well along in northern areas, and 80% of the commercial peanut crop was planted. Harvesting of a fine crop of Irish potatoes got underway, but strawberry, shipments this April were rather light. Grains, hay crops, and pasturage, continued in unusually good condition, and the outlook remained bright for good crops of lupine seed and crimson clover seed.

WINDSTORMS

A thundersquall, in the Montgomery area at near 5:35 a.m. on the 11th, destroyed a small airplane at the Norman Bridge Airport, and damaged 2 others, one of which was at the Allenport field. Some minor building damage was done in downtown Montgomery. Total damage was near \$2500.

At Mobile, at 5:30 to 6:45 p.m. on the 21st, \$10,000 damage was done by wind and water combined in the heavy thunder-shower mentioned above. The fastest mile of wind recorded was 59 miles per hour. Many downtown sections were flooded, and water backed into stores as much as 3 feet deep on low streets when the storm sewers were unable to take care of the runoff.

On the 24th at 3 p. m., around Jordan Dam and Buyck, in Elmore County, widespread but light damage to buildings totalling \$10,000 was done by a thundersquall. Considerable hail the "size of a dime" accompanied this storm, but there was no damage by hail.

FLOODS

There was a rapid rise at Milstead, on the Tallapoosa River, with a crest of 41.5 feet on the afternoon of the 30th, as a result of the very heavy rain in that area on the 29th. About the only damage was to newly planted crops. Warnings prevented cattle losses.

The lower Warrior and the Tombigbee reached crests considerably above flood stages early in the month after the rains late in March. Due to high water levels earlier in the season, damage by this overflow was confined mostly to the interruption of logging operations.

FCP

ACKNOWLEDGMENTS

In addition to the climatological data from some 6,000 Weather Bureau and cooperative weather stations, this bulletin series contains records from Hydroclimatic Network Stations which were formerly reproduced in the Hydrologic Bulletin Series. The Hydroclimatic Network is a nationwide net of rain gages--mostly of the recording type which produce continuous records of precipitation. It was established in 1939 at the request of the Corps of Engineers, Department of the Army, to supplement existing precipitation stations in order to provide records of rainfall intensity which were essential to the planning of flood control and related works by the Corps of Engineers. This Network, now numbering about 2,000 recording, and 1,000 non-recording rain gages, has been maintained by the Weather Bureau through working funds transferred annually to the Weather Bureau by the Corps of Engineers. These transfers averaged about \$250,000 per year between 1940 and 1944, and nearly \$375,000 since that date. For the years 1940-42, the Department of Agriculture transferred about \$100,000 per year to provide data required in its work, and since 1947 the Bureau of Reclamation has transferred about \$25,000 per year to meet the increasing needs of their program in the Western States.

Previous to the introduction of this bulletin series, data from Hydroclimatic Network stations were presented in bulletins (Hydrologic Bulletins) which were issued monthly for each of 8 drainage areas embracing the entire United States, but since the Network was established to meet the internal requirements of the Federal agencies referred to above, no provision was made for public dissemination of the data, distribution being limited to cooperating agencies and to certain public repositories. A list of locations where reference copies of the Hydrologic Bulletin Series are available for inspection may be obtained upon application to Chief, U.S. Weather Bureau, Washington 25, D.C.

Many other records published in this bulletin have been made available through the cooperation of various public offices, private agencies, and individuals as listed in the Station Index.

PRESSURE, WIND, HUMIDITY, SUNSHINE, DEGREE DAYS

ALABAMA
APRIL, 1949

Station	Sea level pressure extremes—inches				Wind speed—m. p. h.				Relative humidity averages—percent				Sunshine	
	Highest	Date	Lowest	Date	Average	Maximum	Direction of maximum	Date of maximum	1:30 a. E. S. T.	7:30 a. E. S. T.	1:30 p. E. S. T.	7:30 p. E. S. T.	Percent of possible	Degree days 65° base
ANNISTON WB AIRPORT	30.29	20	29.56	12	7.2	-	-	-	83	82	58	65	-	184
BIRMINGHAM WB AIRPORT	30.33	26	29.60	12	10.5	32	S	10	75	80	54	56	53	164
MOBILE WB CITY	30.27†	26	29.69†	12	11.9	59	N	21	87†	87†	59†	73†	56	38
MONTGOMERY WB CITY	30.32†	26	29.61†	12	7.8	31	SE	11	80†	85†	54†	64†	55	89
† AIRPORT DATA														

COMPARATIVE DATA

Table 1

Year	Temperature			Precipitation		Year	Temperature			Precipitation		Year	Temperature			Precipitation	
	Average	Highest	Lowest	Average	No. of days .01 or more		Average	Highest	Lowest	Average	No. of days .01 or more		Average	Highest	Lowest	Average	No. of days .01 or more
1884	62.6	94	28	4.57	8	1909	63.4	94	29	6.67	8	1934	64.6	91	30	3.68	8
1885	64.4	92	26	3.76	7	1910	61.9	91	26	3.40	6	1935	64.9	92	30	5.50	9
1886	63.8	92	25	4.58	8	1911	63.9	91	33	7.75	9	1936	62.5	93	28	6.82	9
1887	64.3	90	24	2.06	4	1912	64.6	90	31	10.00	11	1937	63.4	92	29	7.03	9
1888	66.3	89	30	2.24	5	1913	62.3	92	31	2.34	5	1938	64.1	93	28	9.53	9
1889	63.8	91	32	3.20	5	1914	63.8	91	25	3.84	7	1939	62.7	89	28	3.52	8
1890	64.5	89	31	3.26	7	1915	64.9	96	22	0.57	2	1940	62.4	89	21	3.57	8
1891	63.8	92	22	2.27	5	1916	62.2	93	29	3.14	5	1941	65.8	90	36	2.93	7
1892	65.3	91	29	4.30	8	1917	64.0	96	30	3.48	5	1942	64.6	97	25	1.80	2
1893	67.0	90	32	4.06	7	1918	61.1	92	25	7.60	10	1943	64.2	97	25	3.72	6
1894	65.4	98	31	3.49	7	1919	62.6	92	24	3.48	4	1944	62.9	91	23	9.29	12
1895	63.5	90	30	3.76	7	1920	62.3	91	25	9.21	11	1945	66.7	92	32	7.69	9
1896	68.3	94	30	3.67	5	1921	62.3	88	27	6.53	6	1946	67.0	91	30	3.02	6
1897	62.4	91	29	4.20	8	1922	66.9	92	32	4.12	7	1947	66.0	92	32	6.82	10
1898	58.5	88	25	4.44	7	1923	63.4	90	24	5.99	11	1948	68.0	91	32	3.79	7
1899	62.0	98	26	2.48	6	1924	63.3	90	22	5.58	8	1949	62.3	91	28	5.79	
1900	63.9	91	24	8.93	10	1925	68.2	96	31	1.51	4	Period	63.5	98	21	4.65	
1901	57.8	91	26	5.31	6	1926	61.2	89	24	2.32	6						
1902	62.0	92	27	2.33	7	1927	68.1	93	29	2.28	6						
1903	61.1	89	30	2.64	6	1928	59.8	89	28	9.86	10						
1904	60.4	86	28	2.15	6	1929	66.8	95	35	4.63	9						
1905	62.9	92	23	3.60	10	1930	65.5	90	29	1.47	3						
1906	65.2	96	25	1.03	4	1931	61.5	90	29	3.42	6						
1907	58.7	89	24	6.44	11	1932	64.8	93	30	3.04	5						
1908	67.3	94	29	6.00	8	1933	62.7	90	31	6.50	11						

CLIMATOLOGICAL DATA

ALABAMA
APRIL 1949

Table 2

Station	Temperature								Precipitation									
	Average	Departure from normal	Highest	Date	Lowest	Date	No. of days		Total	Departure from normal	Greatest day	Date	Snow, Sleet, Hail			No. of days		
							Max 90° or above	Min. 32° or below					Total	Max depth on ground	Date	.01 or more	25 or more	100 or more
NORTHERN DIVISION																		
ALBERTVILLE 1 MILE S	59.2M	- 0.9																
ANNISTON WB AIRPORT	59.3	-	84	8+	31	17	1		3.48	-	1.12	29				11	4	1
BIRMINGHAM WB AIRPORT	60.5	- 1.2	87	24	33	17			4.90	0.09	1.23	12				12	5	2
BIRMINGHAM WB CITY	62.0	- 1.3	89	25	37	17			4.88	0.07	1.48	30				12	5	1
CORDOVA	61.2	- 0.5	86	24	31	17	1		3.37	- 1.47	0.79	28				9	6	
DECATUR	59.1	- 2.7	82	27	36	17			3.75	- 0.73	1.50	28				11	6	1
FAYETTE	60.5	-	90	25	29	17	1	1	3.31	- 1.69	1.63	27				9	4	1
GADSDEN	59.2	- 2.3	83	25	29	17	1		4.78	- 0.08	1.77	13				11	5	2
GOODWATER	60.6	- 1.7	86	25	30	17	1		5.43	0.83	1.24	29				11	7	2
HALEYVILLE	58.1	-	81	25	36	16			3.01	-	0.68	13				9	7	
HUNTSVILLE	58.4	-	83	26	32	17	1		3.90	- 0.92	1.19	27				12	5	1
LOCK NO 4	59.7	- 1.7	83	9	30	17	1		4.89	0.12	1.12	28				9	6	1
MADISON	58.2	- 2.6	84	26	31	17	1		4.48	- 0.35	1.58	28				12	5	1
MUSCLE SHOALS	59.1	- 1.6	82	23	36	16+			1.78	- 2.82	0.42	5+				9	3	
ONEONTA	59.2	- 0.7	84	27	30	17	1		4.12	- 0.90	1.10	13				10	7	1
ROCK MILLS	59.2	-	86	25	30	17	1		8.72	4.22	2.94	29				13	7	3
SAINT BERNARD	58.1	- 2.4	83	27	30	17	1		2.59	- 2.25	0.48	27				10	5	
SCOTTSBORO	59.6	- 0.5	83	23+	32	17	1		6.05	1.24	1.60	29				12	8	3
TALLADEGA	61.0M	- 1.7	86	24	31	17	1		5.67	1.05	2.00	29				10	7	2
TUSCALOOSA AIRPORT	62.3	- 1.0	89	24	33	17			3.92	- 0.98	1.54	30				12	5	1
UNIVERSITY	62.8	- 0.5	89	24	34	17			3.59	- 1.31	1.20	27				10	4	1
VALLEY HEAD	55.9M	- 2.9	80	27	28	17	2		-	-	1.02	29						
DIVISION	59.7								4.33									
MIDDLE DIVISION																		
ALEXANDER CITY 6 MILES NE	60.7	-	88	25	30	17	1	1	-	-	2.37	29						
AUBURN	60.9	- 3.2	82	25+	31	17			8.70	4.23	3.33	30				14	7	2
CENTREVILLE	65.3	1.9	91	25	34	17	1		3.58	- 1.50	1.57	28				11	5	1
CLANTON	61.6	- 1.2	88	25	34	17			7.80	3.00	3.17	29				13	6	2
DAYTON	63.2	-	85	9	37	17			4.28	-	2.37	28				12	4	1
EUFULA	65.9M	1.4							6.23	1.82	1.96	30				10	6	3
GREENSBORO	64.3	0.2	89	25	35	17			1.68	- 2.99	0.57	28				11	3	
GREENVILLE	64.3	- 1.0	85	28	39	17			5.62	0.88	1.54	30				15	7	2
HIGHLAND HOME	63.6M	- 1.5	85	9	41	6			3.41	- 0.97	-					9		
LA FAYETTE	61.8	-	85	24	33	17			8.67	-	-					12		
LIVINGSTON	63.3M	- 0.2	87	24	34	17			-	-	1.43	27				16	7	2
MAXWELL FIELD	64.4	-	87	24	39	17			5.15	-	1.55	27				14	5	2
MONTGOMERY WB AIRPORT	63.5	-	87	24	36	17			5.55	-	2.32	27				14	5	2
MONTGOMERY WB CITY	63.8	- 1.5	86	24	42	17			4.18	- 0.12	1.40	27				14	5	2
PRATTVILLE	63.2M	- 0.3	87	25	35	17			5.25	0.84	1.68	29				11	5	2
SELMA	63.5	- 1.4	85	9+	37	17			5.73	1.32	1.85	28	T			12	8	1
THOMASVILLE	63.6	- 1.1	86	24	39	16+			4.09	- 0.26	1.16	28				12	5	1
TROY	64.6	- 1.2	85	28	38	17			6.78	2.21	2.42	29				13	6	2
TUSKEGEE	63.8	- 0.9	84	28	41	19			10.40	6.45	6.00	29				9	9	2
UNION SPRINGS	64.0	- 0.6	85	25+	38	18			9.19	4.46	3.61	29				14	8	3
WETUMPKA	63.3	- 1.1	89	25	36	17			7.50	3.11	1.83	29				13	8	3
DIVISION	63.5								5.99									
SOUTHERN DIVISION																		
ANDALUSIA	65.9	-	85	25+	42	17			9.32	-	2.09	29				10	6	5
ATMORE STATE FARM	66.3	-	85	9+	39	17			7.66	-	-					9		
BAY MINETTE	66.0	- 0.9	85	24	40	17			7.79	2.71	1.96	21				10	9	3
BREWTON 3 MILES SSE	64.5	- 0.7	87	25	33	17			7.72	3.28	2.28	30				12	7	3
CITRONELLE	65.9	- 0.6	85	24	43	16+			6.24	0.83	1.41	29				14		1
DOTHAN CAA AIRPORT	66.4	-	87	24+	39	17			7.86	3.70	2.08	29				10	8	2
FAIRHOPE	66.8	0.4	86	24	41	17			10.07	5.06	3.30	22				13	6	4
FORT MORGAN	68.1	-	82	25	52	17			-	-	-							
FRISCO CITY	65.0	-	85	25	38	17			6.21	1.24	1.77	23				11	6	3
GENEVA	66.4	-	86	9+	36	17			10.05	5.45	1.74	30				10	8	5
LOCKHART	66.4	-	87	25	41	17			11.39	-	3.43	30				9	7	5
MOBILE WB AIRPORT	65.9	-	87	24	42	17			11.77	-	4.00	21				15	6	3
MOBILE WB CITY	67.0	0.7	88	24	43	17			10.69	6.06	4.16	21				11	8	3
OZARK	66.2	0.0	86	27	39	17			7.20	2.99	1.80	11				13		
ROBERTSDALE 7 MILES E	66.7	-	86	24	38	17			9.81	4.65	2.76	11				12	8	3
SPRING HILL	66.0	- 1.1	82	26	40	17			-	-	-							
DIVISION	66.2								8.84									
STATE	62.3	- 1.2							5.79	1.14								

DAILY PRECIPITATION

ALABAMA
APRIL 1949

Table 3

Station		Day of month																														Total		
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30		31	
ABBEVILLE	R		.20		.30	.02						.46	.96										.32					.37	1.31	.22		4.16		
ADLERSON	R			.13		.61							.35	.14									.23	.11				1.05	.94	.58	.10	4.24		
ADDISON CNTRL TOWER				.08		.59									.60									.15						1.30	1.16	.80	4.88	
ALABAMA STATE FARM				.08		.80								.30										.34					.90	.17	1.30	.12	4.01	
ALBERTA											.21	.36	.23										.04		.14		.11		.90	.10	.14	1.10		
ALBERTVILLE 1 MI S						.75							1.10	.37									.38					.78						
ALEXANDER CITY 6 MI NE			.15				.05					.32	.54	.50									.09				.05			.93	2.37	1.24		
ALICEVILLE													.30	.20															1.50	.10	.30			
ANDALUSIA		.06				.50					1.20	1.29	.14									T	.20	1.98						.15	2.09	1.71	9.32	
ANNISTON WB AIRPORT		T	.03	.03	.24						.16	.91	.34									T	.15						.43	.06	1.12	.01	3.48	
ARLEY							.60							1.49									.20										5.03	
ASHLAND	// R		.15	.02	.40						.44	.79	.19									.22			.03			.49	1.08	1.45	.09	5.35		
ASHVILLE			.15		.26						.03	T	1.21										.40						.39	.06	.54	.58	3.59	
ATHENS			.18	.01	.42	.40					1.58			.26								.03	.15							1.18		.38	3.11	
ATMORE STATE FARM	Z		.15	*	.26																	*	2.72						*	1.00	1.95		7.66	
AUBURN			.02	.25	.02	.50	.08					.31	.20	.17								.07	.05						.70	2.53	3.33		8.70	
AUBURN SCS 10	R			.24	.11	.43						.30	.71									.08			.45				.60	1.10	4.96		8.98	
AUTLA GAVILLE						.48						.22	*	.46									.18	.11		.57				1.38	.36	.60	4.36	
BARTON	.15		.02		.68	.12					1.58	.30		1.10	T	.02										T	.08			.18	.08	.05	2.48	
BAY MINETTE				.22									.30									.29	1.96	1.20					.70	.52	.72	.30	7.79	
BEATRICE			.36		.18						*	.85											.50	.25						.40	*	.90	3.44	
BELGREEN	R		.09	.01	.34							.60	.17										.12	.16					.87	.62	.38	.10	3.46	
BERRY	R				.02	.56						.03	.10										.03	.06					*	*	*	*		
BEXAR 2 MILES SE	R		.04	.01	.06						T	.04	.14	.27									.06	.12						*	*	*		
BIRMINGHAM WB APT	Z	T	.10	.01	.56							.01	1.23	.03									.21	.02	T				1.21	.83	.67	.02	4.90	
BIRMINGHAM WB CITY			.18	.02	.48	.14					T	.05	.72										.06	.06	T				.16	.85	.68	1.48	4.88	
BISHOP			.05		.15	.12								2.50									.55			.05				.15	.20		4.07	
BOAZ	T		.17		.26	.40								1.65	T	10											.05		.25	.22	.53	.68	4.50	
BRANTLY					.46							.76	.86	T											.72				.21	.98	.60		4.59	
BRENTON 3 MILES SSE	10	.04	.34		.39						1.44	.51										.10	.97	1.19					.36	.10	2.28		7.72	
BRIDGEPORT 2 MILES W					.90								.21	1.10									.27	.11					.03	1.01	.75	.30	4.68	
BRINDING		.30	.03	.09	.45							.65	*	1.15										.57						.16	3.25	1.34	8.15	
CAMPBELL	R		.03		.09	.18				.06	.11	.02									.10	.24	.46						1.48	.51	1.18		4.46	
CENTER GROVE					.63	.44					T	.17	.98	.19									.32	.17	T				.88	.62	.45	.22	5.07	
CENTREVILLE			.23		.36	.05						.06	.31	.22									.05				.29			1.57	.40	.04	3.58	
CHILDERSBURG			.05		.20	.10					*	.08	.48	.70									.04	.37						.58	1.86	.92	5.38	
CITRONELLE			.07	.16		.43						.88	.07								16	.51	.79	.01					.41	.67	1.41	.67	6.24	
CLANTON		T	.20	T	.24	.08						.15	.54	.59									.02	.09	.12		.58			.99	3.17	1.03	7.80	
CLAYTON	T	T			.34	T						.40																	.10	T	2.00	2.20	3.37	
COFFEE SPRINGS		.90	.70	*								1.25	2.00																	1.80	1.15		10.10	
COLLINSVILLE			.10		.20	.22							.10	1.31															.37	.80	.52	4.13		
COLUMBIA	.75	.12	.03		1.05						.60	.85	.40										.05	.30						.84	1.20		6.19	
COLUMBIA					.55	.17						.70	.22	.30									.11						.32	.79	.61	.30	3.37	
CUBA					.15							.10	.40	T								.04	.11			.05				.82	.26	.22	3.62	
DADENVILLE		T	.15	.05	.16							.10	.56	.39	T								.52				.10			1.32	1.86	1.55	6.76	
DADEVILLE NO 2	R		.15	.08	.19						.19	.59	.03									.14	.02		.12				1.20	.74	2.38	.02	5.85	
DANCY			.11		.27						.15	.28											.27		.11					1.02	1.11	.15	.76	3.96
DANVILLE				.63	.21							.31	.12										.30	.10						.20	.70	.38	.34	3.29
DAYTON			.03		.27						.12	.34	.02									.03	T	.17			.07			.10	2.37	.03	.73	4.28
DECATUR			.05		.31	.44						.02	.33	.02								.17	T							.11	1.50	.54	.26	3.75
DECATUR NO 4			.06		.28	.54						T	.31	.03																.15	1.35	.54	.26	3.70
DECATUR SUBSTATION			.04		.57	.22						T	.01	.28	T								.18							.11	1.49	.41	.09	3.33
DEMOPOLIS					.29	.02							.35	.09									.30		.15	.20				.46	.07	.38	2.31	
DOYAN CAA AIRPORT	Z		.21		.74					.97	1.51											.28	.32							.92	2.08	.78	7.86	
ELBA	12	.06		.42								.82	2.05	.07																				

ALABAMA
APRIL 1949

Station		Day of month																														Total
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
MOBILE WB CITY	Z	.03			.22						.53	.92	.23								.37	4.16	2.02					.48	.56	1.17	T	10.69
MONTA SANO			.15		.50	.47							.06		.05							.03	.30		.12			.40	1.01	.45		4.55
MONTGOMERY WB APT		.08	.29	.10	.28							.23	.33		.86	.05					.07	.02	.03		.15			2.32	.01	1.48	.16	5.35
MONTGOMERY WB CITY	Z	.07	.23	.08	.25							.25	.45								.05	.04	.02		.21			1.40	.02	1.01	.10	4.18
MOULTON	R				.34	.19						.13	.41									.01	.21		.02			.35	.63	.33	.14	2.76
MUSCLE SHOALS		.03	T		.42							T	.07	.22							T	.17	T					.39	.05	.42	T	1.78
NEW BROCKTON		.13		.14	.09						1.09	.95									.02	.10	.45		.01				.32	2.26	.05	5.60
NEWBURG			.23	*		.67							.44									.01	.20					*	.78	.10	.15	2.58
NEW MARKET			.08		.35	.38							.62										.14					.07	1.09	2.18	.56	5.31
NEWTON		1.04			.32							.26	2.04											.02	.26				1.06	1.32		5.01
ONEONTA		.04		.17		.48	.30						1.10										.21					.60	.48	.32	.42	4.12
ORRVILLE					.41							.28	.33	.05														1.67	* .16	.55		3.29
OZARK		.46	.09	*	.49					.80	1.80	.13									.02	*	.60					*	1.82	1.65		7.20
PAINT ROCK	R		.13		.98							.86	.07	1.15								.35	.09					.82	.09	.43	.15	4.01
PALMERDALE					.61	.15																-						.15	.35	1.05	.65	
PERRYVILLE					.31						*	.35																	1.62	.73	.20	
PETERMAN	R	.02	.05	.19	.08					.05	1.17	.10									.06	.19	1.35			-		.22	.15	2.27	.34	6.24
PICKENSVILLE					T						.10	T										.23			.22			.20	1.03	.17	.30	2.25
PINE HILL	P	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		.08	.19	.71				1.09	.56	.69	-	
PINE LEVEL	R		.32		.44						.40	.80	.54													.22		.40	1.60	.98	</	

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HOURLY PRECIPITATION

ALABAMA
APRIL 1949

Table 4

Station	A. M. Hour ending												P. M. Hour ending												Total
	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	
-1st-																									
FORT MORGAN //																									.01 .08 .09
MOBILE WB AIRPORT 6																				*	*	*	*	*	
PLEASANT HILL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
RIVER FALLS 2 MILES NE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-2d-																									
ABBEVILLE				.01	.03														.01	.15					.20
ATMORE STATE FARM						.03																.03	.04	.01	.01
BELGREEN																							.01	.02	.04
BEXAR 2 MILES SE																									.04
CAMPBELL										.02	.01														.03
DOTHAN CAA AIRPORT				.05	.04	.01													.06			.01		.01	.18
FORT MORGAN //	.19	.02	.01																						.21
GARDEN CITY	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	.18
GREENVILLE NO 2																									.12
GUNTERSVILLE REC																.02				.01					.03
HUNTSVILLE 6																*	*	*	*	*	*	*	*	*	
MAGNOLIA				.04																.01	*	*	*	*	*
MIDWAY					.02	.01															*	*	*	*	*
MOBILE WB AIRPORT 6	.04	*	*	*	*	*		.06													*	*	*	*	*
MOBILE WB CITY	.01	.02																							.03
MONTGOMERY WB AIRPORT 6	*	*	*	*	*	*		.02	*	*	*	*	.05	*	*	*	*	*	*	.01					
MONTGOMERY WB CITY					.02							.02	.02	.01											.07
NEW BROCKTON				.01	.06	.04	.02																		.13
PETERMAN									.02																.02
TROY					.01	.04																			.05
-3d-																									
ADDISON		.09	.01	.02	*	*		.01	*	*	*	.01													.13
ANNISTON WB AIRPORT 6	*	*	*	*	*	*		.01	*	*	*	*	.02												
ASHLAND //			.01	.02	.04	.05		.02		.01															.15
ATMORE STATE FARM				.01	.05	.05		.01																	.12
AUBURN SCS 10					.01	.18		.03	.02																.24
BELGREEN	.01																								.01
BEXAR 2 MILES SE	.01																								.01
BIRMINGHAM WB AIRPORT				.08	.02																				.10
BOAZ				.03	.05	.07																			.15
DADEVILLE NO 2				.01	.03	.03		.01	.06	.01															.15
EUTAW LOCK NO 7				.04																					.04
FLAT ROCK				.02	.03	.01		.01																	.07
FORT PAYNE								.04	.02																.06
GREENVILLE NO 2					.05	.08						.02													.15
GUNTERSVILLE REC								.03																	.03
HALEYVILLE				.01																					.04
HUNTSVILLE 6	.02	*	*	*	*	*		.14																	
JACKSONVILLE								.07	.01																.08
LAY DAM				.05	.01	.01																			.07
MIDWAY								.16	.04	.01															.21
MOBILE WB AIRPORT 6	.08	*	*	*	*	*		.12																	
MONTGOMERY WB AIRPORT 6	*	*	*	*	*	*		.18	*	*	*	*	*												.11
MONTGOMERY WB CITY				.03	.02	.04		.14																	.23
MUSCLE SHOALS 6	.03																								
PAINT ROCK			.02	.09	.02																				.13
PETERMAN				.01	.02	.02																			.05
PLEASANT HILL	-	-	-	-	-	-		-	-	-	-	-													
THORSBY 1 MILE SW				.04	.01																				.05
TONEY		.06		.03																					.09
TRAFFORD				.04	.02			.01																	.07
TROY				.01	.01			.15																	.17
UNIVERSITY										.01							.01								.02
VERNON	.06	.01																							.07
-4th-																									
ABBEVILLE																			.05	.06	.08	.05	.06		.30
ANNISTON WB AIRPORT 6																		*	*	*	*	*	*	*	
ASHLAND //																		.01	.03	.04	.02	.02	.01	.01	.02
ATMORE STATE FARM																						.04	.03	.04	.11
AUBURN SCS 10																									.02
BERRY																									.01
BIRMINGHAM WB AIRPORT																									.02
CAMPBELL																		.01	.01	.03	.01		.02	.01	.09
DADEVILLE NO 2																			.03	.03	.02	.01	.02	.01	.08
DOTHAN CAA AIRPORT																			.06	.19	.36	.08	.01	.76	.04
EUTAW LOCK NO 7																									.03
FORT MORGAN //																		*	*	*	*	*	*	*	1.00
GREENVILLE NO 2																					.08	.04	.08		.07
GUNTERSVILLE REC																						.02			.02
JACKSONVILLE																									.01
LAY DAM																									.04
MAGNOLIA																			.03	.03	.01	.01	.01	.01	.09
MARION 1 MILE SSE																					.03	.01	.03	.03	.10
MIDWAY																					.01	.04	.05	*	.02
MOBILE WB AIRPORT 6																		*	*	*	*	*	*	*	.22
MOBILE WB CITY																	.01	.08	.05	.03	.02	*	.03	*	.08
MONTGOMERY WB AIRPORT 6																									.14
MONTGOMERY WB CITY																									.19
NEW BROCKTON																		.01		.01	.07	.04		.01	.14
PETERMAN																		.01	.05	.06	.04	.01	.02	.02	.19
THORSBY 1 MILE SW																		.01		.01	.07	.04		.01	.07
TRAFFORD																									.01
TROY																					.04	.06	.04	.01	.15
TUSCALOOSA AIRPORT 6																		*	*	*	*	*	*	*	
UNIVERSITY																									

HOURLY PRECIPITATION

ALABAMA
APRIL 1949

Station	A. M. Hour ending												P. M. Hour ending												Total	
	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12		
GUNTERSVILLE REC		.03	.05	.15	.05	.14	.03	.08	.16	.16	.03														.88	
HALEYVILLE			.03	.04	.01	.10	.09	.05	.05											.03	.01				.41	
HUNTSVILLE 6		*	*	*	*	*	.40	*	*	*	*	*	.40	*	*	*	*	*	.11							
JACKSONVILLE	.03	.01	.02	.06	.04	.02		.01	.03		.08	.01			.02										.33	
LAY DAM	.02	.02	.01	.02	.03	.01		.01	.03																.15	
MAGNOLIA	.01	.01	.09	.01		.04	.01		.01	.03															.17	
MARION 1 MILE SSE	.03	.05	.12	.03																					.23	
MIDWAY		.09	.09	.02	.06																				.26	
MOBILE WB AIRPORT 6	.05						.27	*	*	*	*	*	.01													
MONTGOMERY WB AIRPORT 6	.10	*	*	*	*	*																				
MONTGOMERY WB CITY	.02	.01		.12	.06	.02		.20	.01	.01	.01														.25	
MOULTON		*	.01	.02	*	.08		.20	*	*	*	*														.34
MUSCLE SHOALS 6																										
NEW BROCKTON	.02	.02	.01	.01	.02	.01		.20	*	*	*	*	.22													.09
PAINT ROCK		.03	.09	.07	.11	.05	.13	.21	.10	.02		.01	.07	.09												.98
PETERMAN	.01	.01	.05	.01																						.08
PLEASANT HILL	.01	.01		.11		.01	.03	.02																		.19
THORSBY 1 MILE SW	.01	.01	.01	.01	.07		.01	.03	.01	.01																.16
TONEY				.18	.02	.08	.02	.12	.08	.08	.04		.06	.02												.70
TRAFFORD	.03	.02	.05	.08	.01	.01	.11	.07	.05	.04	.03															.50
TROY		.34	.01	.03	.02	.05			.01																	.46
TUSCALOOSA AIRPORT 6	.01	*	*	*	*	*	.17	*	*	*	*	*	.08													
UNIVERSITY	.02	.08		.01	.04	.09	.03	.01																		.28
VERNON		.01	.04		.02	.03																				.10
-6th-																										
GARDEN CITY	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
MOULTON	-	-	-	-	-	-	.19	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-9th-																										
-10th-																										
ATMORE STATE FARM																						.01	.07	.14	.22	
CAMPBELL																.01	.01	.01				.03	.03	.02	.06	
EUTAW LOCK NO 7				.01			.01									.07	.01	.01				.03	.01		.15	
FORT MORGAN //																					.23	.70	.67	.49	.44	2.53
MAGNOLIA																							.01	.02	.03	
MOBILE WB AIRPORT 6																			*	*	*	*	*	*	*	
MOBILE WB CITY																					.04	.14	.10	.25	.53	
PETERMAN																							.01	.04	.06	
THORSBY 1 MILE SW																.05			.01		*	*	*	*	*	
TUSCALOOSA AIRPORT 6							*	*	*	*	*	*	.01	*	*	*	*	*	.09	*	*	*	*	*	*	
UNIVERSITY										.01					.02	.03	.01	.01		.01					.10	
-11th-																										
ABBEVILLE				.01	.14	.12	.17	.02																	.46	
ANNISTON WB AIRPORT 6	*	*	*	*	*	*	.02						*	*	*	*	*	*	.06							
ASHLAND //			.02	.05	.22	.04	.01	.01		.02	.01	.02	.01	.01	.02	.01	*	*							.44	
ATMORE STATE FARM	.27	.30	.27	.27	.11	.01																			1.23	
AUBURN SCS 10						.14	.16																		.30	
BEXAR 2 MILES SE																				.02	.01	.01			.04	
BIRMINGHAM WB AIRPORT																									.01	
CAMPBELL	.01	.04	.04			.01		.01								.01									.11	
DADEVILLE NO 2		.01	.01	.04	.04	.02						.01	.04	.01	.01										.19	
DOTHAN CAA AIRPORT				.19	.30	.32	.19																		1.00	
EUTAW LOCK NO 7				.01																					.01	
FORT MORGAN //	.23	.42	.37	.11	.02	.01	.01											.01	.04						1.27	
GREENVILLE NO 2	.03	.06	.30	.16	.17	.07															.01		.05		.80	
HUNTSVILLE 6							*	*	*	*	*	*	.03	*	*	*	*	*	.01						.02	
JACKSONVILLE				.01	.02	.01	.04									.01	.01								.12	
LAY DAM				.07									.02	.01				.01							.14	
MAGNOLIA	.01	.01	.04	.07																					.15	
MARION 1 MILE SSE	.03	.07	.04	.01																					.01	
MIDWAY			.01	.05	.08	.24	.07	.01											.01	.09	.01	.19	.13	.02	.91	
MOBILE WB AIRPORT 6	.58	*	*	*	*	*	.81						*	*	*	*	*	*								
MOBILE WB CITY	.27	.23	.32	.10	*	*	.23												.02	*	*	*	*	*	.92	
MONTGOMERY WB AIRPORT 6	*	*	*	*	*	*																				
MONTGOMERY WB CITY		.17		.03	.01	.04																			.25	
NEW BROCKTON				.01	.03	.26	.43	.07								.09	.05	.01	.04	.06	.01	.03			1.09	
PETERMAN	.19	.33	.27	.24	.14																				1.17	
PLEASANT HILL			.20	.05	.04																				.29	
THORSBY 1 MILE SW			.05	.04	.01																				.10	
TONEY													.07												.07	
TROY		*	*	*	*	*	.66												.18	.02	.04	.03	.02	.14	1.09	
TUSCALOOSA AIRPORT 6	.03	*	*	*	*	*	.02																		.02	
UNIVERSITY				.01		.01																				
-12th-																										
ABBEVILLE				.14	.10	.31	.28	.12	.01				*	*	*	.17	*	*							.96	
ADDISON							.06	.01		.01	.07	.02	*	*	*		*	*	.50	*	*	*	*	*	.35	
ANNISTON WB AIRPORT 6	*	*	*	*	*	*	.12	*	*	*	*	*	.06	*	*	*	.20	*	*	.04	.02	.01	.01	*	.79	
ASHLAND //				.20	.12	.02		.02	.05					.01	.04		.20	.02	.03			.02	.02		.71	
AUBURN SCS 10				.08	.04	.02	.02												.47	.04					.60	
BELGREEN											.10	.11		.38	.01										.03	
BERRY																									.14	
BEXAR 2 MILES SE							.01			.01						.01	.09								1.23	
BIRMINGHAM WB AIRPORT									.02				.35	.75	.01	.06	.01		.02						1.54	
BOAZ										.02	.25	.26	.01	.46	.29	.14	.06	.01		.01	.01	.01	.01	.01	.02	
CAMPBELL	.01			.01																					.02	
DADEVILLE NO 2																										

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Station	A. M. Hour ending												P. M. Hour ending												Total
	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	
NEW BROCKTON	.03	.10	.08	.28	.28	.13	.01		.04				.10	.21		.19	.01	.19	.18					.95	
PAINT ROCK																								.88	
PETERMAN		.01	.08	.01	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	.10	
PLEASANT HILL																								.10	
THORSBY 1 MILE SW						.19	.03	.27	.07	.01											.06	.01		.64	
TONEY						.03	.01		.02	.17	.26	.02	.03			.18	.10	.42	.58	.14				.48	
TRAFFORD						.02											.09	.01						.64	
TROY	.09	.09	.08	.14	.01	.02														.06				.49	
TUSCALOOSA AIRPORT 6	*	*	*	*	*	*	.03																		
UNIVERSITY								.04	.01	.01														.06	
VERNON																						.01	.01	.02	
-13th-																									
ADDISON	.01	.01		.10	.01	.01																			
ANNISTON WB AIRPORT 6	.23	* *	*	*	*	*	.32	*	*	*	*	*	.02												
ASHLAND //	.02	.01	.10	.02	.03	.01																		.19	
BELGREEN			.02	.01	.06	.01	.01	.03	.03															.17	
BERRY			.01	.03	*	*	.04	.01	.01															.10	
BEXAR 2 MILES SE		.03	.08	.08	.04	.01	.01	.01		.01														.27	
BIRMINGHAM WB AIRPORT		.01	.01		.01			.01	.01															.03	
BOAZ	.05	.01									.02													.10	
DADEVILLE NO 2		.01			.02																			.03	
EUTAW LOCK NO 17			.05	.01			.02																	.08	
FLAT ROCK		.07																						.07	
FORT PAYNE	.01	.01																						.02	
GARDEN CITY					.05	.03																		.05	
HALEYVILLE			.14	.03	.02	.03																		.22	
HUNTSVILLE 6	.11	*	*	*	*	*	.02	*	*	*	*	*	.01											.11	
JACKSONVILLE	.01	.01	.04	.02	*	.01		.01		*	*	*					.01							.05	
LAY DAM																				.05				.11	
MONTGOMERY WB AIRPORT 6	.03																								

See reference notes following Station Index

HOURLY PRECIPITATION

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Table 4-Continued

Station	A. M. Hour ending												P. M. Hour ending												Total	
	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12		
FLAT ROCK	.28	.03			.12	.09	.01																		.53	
FORT MORGAN //					.01								.02	.10	.09	.10	.05	.01							.39	
FORT PAYNE		.01		.11	.01				.01				.01	.10	.07	.03									.13	
GREENVILLE NO 2																									.21	
GUNTERSVILLE REC					.08	.02															.04	.02			.16	
HALEYVILLE	.01	.01	.04	.11																					.17	
HUNTSVILLE 6	.05	*	*	*	*	*	.06																			
LAY DAM	*	*	*	*	*	*		.07	.01	*	*	*	*	*	*	*	*	*	*	*	.28		.01	.01	.10	
LOCK NO 1 //	*	*	*	*	*	*			.02	.52	*	*	*	*	*	*	*	*	*	*					.28	
MAGNOLIA									.02								.01	.04	.01						.61	
MARION 1 MILE SSE							.15	.02																	.17	
MIDWAY									.03						.08			.01							.12	
MOBILE WB AIRPORT 6	.27							*	*	*	*	*	2.97	*	.08	*	*	*	*	.14					2.01	
MOBILE WB CITY								*	*			1.22	.56	.01	.08	.03	.02	*	*	.01						
MONTGOMERY WB AIRPORT 6									.02		*	*	.02													
MONTGOMERY WB CITY																									.02	
MOULTON		.03	*	.07	*	*	.11																		.21	
MUSCLE SHOALS 6	*	*	*	*	*	*	.17																			
NEW BROCKTON								.01	.08	.01						.10	.14	.06	.02	.02	.01				.45	
PAINT ROCK			.08	.01																					.09	
PETERMAN	.01				.02					.01		.74	.12	.24	.14	.05	.01	.01							1.35	
PLEASANT HILL													.10	.05											.15	
RIVER FALLS 2 MILES NE									.04	.02	.04	.02	.24	.60	.11	.52	.25	.20	.02						2.00	
THORSBY 1 MILE SW																						.14			.20	
TONY	.08																								.08	
TROY								.01	.04							.02	.11	.02	.03	.01	.01				.25	
TUSCALOOSA AIRPORT 6		*	*	*	*	*	.14									*	*	*	*	*	.01					
UNIVERSITY		.03	.01	.03	*	.02	.01			*	*					*	*	*	*	*	.01				.10	
VERNON	*	*	*	*	*	*	*	*	*	*	*		.33												.33	
-23d-																										
GUNTERSVILLE REC	.03	.01																							.04	
MIDWAY																										
RIVER FALLS 2 MILES NE																	.01	.03	.01						.05	
-24th-																										
ASHLAND //																.03									.03	
AUBURN SCS 10																	.42	.03							.45	
DADEVILLE NO 2																.11	.01								.12	
LAY DAM																	.66		.04						.70	
MONTGOMERY WB AIRPORT 6													*	*	*	*	*	*	.14	*	*	*	*	*		
MONTGOMERY WB CITY																		.13	.08						.21	
MOULTON							.02																		.02	
MUSCLE SHOALS 6	*	*	*	*	*	*	.01																			
THORSBY 1 MILE SW																										
TONY					.09												.24	.04							.28	
-25th-																										
MONTGOMERY WB AIRPORT 6	.01																									
-27th-																										
ABBEVILLE											.01	.15	.05		.01	.01	.08	.02	.01	.03					.37	
ADDISON				.25	.16	.08	.01	*	*	*	*	*		.06	.20	.21	.02	.01		.04	.01	*	*	*	1.05	
ANNISTON WB AIRPORT 6	*	*	*	*	*	*	.04	*	*	*	*	*		.15	*	*	*	*	.18	*	*	*	*	*		
ASHLAND //													.01	.07	.07	.01	.10	.05	.06	.03	.01	.01			.49	
ATMORE STATE FARM																			.55	.07	.01				.63	
AUBURN SCS 10																				.21	.23		.16		.60	
BELGREEN	*	*	.01	*	.08	*	*	*	.12	.32	.05	.04	*	.02	.06	*	*	*	.10	*	*	.02	.01	.04	*	.87
BERRY	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
BEXAR 2 MILES SE		.02	.03	.08	.05	.02				.04		.06	.03	.02	.20	.04	.06	.65	.01	.01		1.18	.06		1.90	
BIRMINGHAM WB AIRPORT				.02	.01	.07	.05	.06				.11	.15						.01	.01		.01			1.21	
BOAZ		.02	.19	.06				.14	.02	.01	.11	.05	.01	.31	.47	.42	.09	.01	.02	.01		.02			.49	
CAMPBELL								.01																	1.48	
DADEVILLE NO 2																	.02	.28	.29	.05	.31	.19	.06		1.20	
EUTAW LOCK NO 7																	.07	.01	.01	.37	.14	.04	.01		.67	
FLAT ROCK							.16	.04	.01							.03	.02	.04	.02	.01					.33	
FORT MORGAN //																			.05						.06	
FORT PAYNE																									.47	
GARDEN CITY				.01	.01	.05	.10	*	.24	.15	.01								.02	.02			.01		.59	
GREENVILLE NO 2																									.13	
GUNTERSVILLE REC				.02		.08	.10													.05	.03	.04	.01		.40	
HALEYVILLE		.14	.09	.08	.07	.01	*	*	*	*	.03	.02	.14	.04	.16	.08	.02	*	.42	*	*	*	*	*	.75	
HUNTSVILLE 6	*	*	*	*	*	.60	*	*	*	*	*	*	.14	.04	.16	*	*	*	*	.04	.02	.23	.18	.01		
JACKSONVILLE																									.48	
LAY DAM											.02	.03	.04	.20	.01	.04	.40	.01	.05	.11	.04		.01	.01	.97	
LOCK NO 1 //																	.06	.06	.02						.14	
MAGNOLIA																	.01	.64	.25	.01		.01			1.12	
MARION 1 MILE SSE																	.27	.88	.14						2.08	
MOBILE WB AIRPORT 6														*	*	*	*	*	*	1.41	*	*	*	*	*	
MOBILE WB CITY														*	*	*	*	*	*	1.41	*	*	*	*	*	
MONTGOMERY WB AIRPORT 6														*	*	*	*	*	*	1.41	*	*	*	*	*	
MONTGOMERY WB CITY														*	*	*	*	*	.93	.20	.03	*	*	*	1.40	
MOULTON				.10	.01	.02	.18					.03	.01	*	*	*	*	*							.35	
MUSCLE SHOALS 6	*	*	*	*	*	.05	*	*	*	*	*	*	.06	*	*	*	*	*	.28							
PAINT ROCK				.03	.16	.04							.29	.09	.01										.82	
PETERMAN																	.18								.22	
PLEASANT HILL																	.05	.02	.06	.01	.05		.01	.01	.18	
RIVER FALLS 2 MILES NE																	.76	.13	.27	.01					.25	
THORSBY 1 MILE SW																	.02	.14	.02	.17	.09	.02	.20	.02	1.70	
TONY				.08	.01	.01			.04	.37	.01	.36	.12	.01	.38	.11	.02	.17	.09	.02					.0	

HOURLY PRECIPITATION

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Table 4--Continued

Station	A. M. Hour ending												P. M. Hour ending												Total	
	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12		
PORT PAYNE				.01	.01		.01		.02						.12	.24	.11	.01	.01				.01		.01	.55
GARDEN CITY			.01	.01												.15	.25	.35	.03	.02	.10	.10				.02
GREENVILLE NO 2												.09			.01					.07						1.00
GUNTERSVILLE REC	.03																			.01	.01					.20
HALEYVILLE	.04	*	.01		*	*	*	.01	*	*	*	*	.06	*	*	.03	*	*	*	.01		*	*	*	*	.10
HUNTSVILLE 6	.03			*	*	*		.01	*	*	*	*				*	*	*		.22		*	*	*	*	
JACKSONVILLE		.02	.01				.06	.01	.08	.04	.01			.01	*		*	*	*		.01					.19
LAY DAM		.02																				.30	.30	.03	.01	.72
LOCK NO 1 //			.01	.01	.01	.01													.42							.46
MAGNOLIA	.02	.01	.01												.01	.26	.33	.15								.79
MARION 1 MILE SSE			.02																							.02
MOBILE WB AIRPORT 6	.05	*	*	*	*	*	.09													*	*	*	*	*	*	.56
MOBILE WB CITY			.28	.02																	.06	.20				.02
MONTGOMERY WB AIRPORT 6	.91												*	*	*	*	*	*	.01							.63
MONTGOMERY WB CITY																	.02	*		.18						.02
MOULTON							.08						.22	.05	.01	*			.09	.18						
MUSCLE SHOALS 6														*	*	*	*	*	*	.05						
NEW BROCKTON												.01			.01		.01	.10	.01			.03	.04	.01	.10	.32
PAINT ROCK																	.02	.06		.01						.09
PETERMAN	.01																			.01					.01	.15
PLEASANT HILL																				.02	.10	.01				.13
RIVER FALLS 2 MILES NE										.01		.01			.02	.09										.24
THORNSBY 1 MILE SW																	.17	.04	.02	.01						.13
TONEY															.05	.10	.29	.10	.09	.01		.05	.07	.01		.64
TRAFFORD	.07	.15								.01		.01			.02	.10	.29	.10	.09	.01	.05	.01			.01	.31
TROY							.03	.03				.01			.02	.01	.80	.09	.06	.03	.02					1.10
TUSCALOOSA AIRPORT 6	.01	*	*	*	*	*	.04						*	*	*	*	*	*	.06	.02	*	*	*	*	*	.55
UNIVERSITY	.05					.03				.01	.01		.01	.01						.02	*	.23	.19		.01	
-29th-																										
ABBEVILLE	.06	.01	.01	.01			.01	.01	.01	.01			.06	.01		.05	.01	.03								.22
ADDISON						.15	.01	.01	.01	.27	.07			.65	*	.05				.15	*	*	*	*	*	.58
ANNISTON WB AIRPORT 6	.02	*	*	*	*	*	.31	*	*	*	*	*		.65	*	*	*	*	*		*	*	*	*	*	
ASHLAND //	.05	.17	.19	.17	.08	.09	.08	.01	.01	.05	.20	.18	.11	.04	.01							.01				1.45
ATMORE STATE FARM							.01			.02	.66	.22	.04	.05					.61	.03	.01	.05	.09	.01		1.80
AUBURN SCS 10	.31		.25	.20	.07	.30	.36	.66	.38	.06	.12	.11	.22	1.21	.52	.10	.07	.02								4.96
BELGREEN							.05	.31	.01	.01																.38
BEXAR 2 MILES SE							.01	.01	.04	.03						.01	.01									.11
BIRMINGHAM WB AIRPORT							.07	.05	.04	.02	.04	.07	.03		.02	.06	.29	.33	.03							.67
BOAZ							.16	.09	.06	.08	.05		.01	.01	.02						.01				.01	.92
CAMPBELL	.01	.01							.01			.01				1.07	.03	.01	.02							1.18
DADEVILLE NO 2	.10	.20	.23	.04	.14	.11	.02	.13	.03	.01	.31	.18	.68	.11		.07	.02									2.38
DOTHAN CAA AIRPORT	.12	.03		.01	.03	.01						.01	.01			1.18	.13	.08	.03	.01			.14	.30		2.09
EUTAW LOCK NO 7														.01	.04	.01	.02		.01							.09
FLAT ROCK							.15	.05	.30	.08	.07	.02	.01													.68
FORT MORGAN //																						.44	.08	.16	.22	.90
PORT PAYNE				.01	.04	.29	.07	.10	.05	.04	.08	.03	.01	.01		.13	.01	.01	.09	.03	.01	.01				.88
GARDEN CITY							.01	.11	.12	.01	.01	.06	.05	.01	.01	.01	.01					.01	.01			.57
GREENVILLE NO 2		.06	.02	.01	.09	.03				.07	.02	.19	.21		.08	.01	.01	.59	.28	.02	.10	.01				1.80
GUNTERSVILLE REC							.02	.04								.05							.03			.17
HALEYVILLE		.01		.01	.01			.07	.16	.09	.02	*	*	*	*	*	*	*	.09				.01			.38
HUNTSVILLE 6	.08							*	*	*	*	*	*		.23	*	*	*	*	.09						
JACKSONVILLE				.01	.01	.03	.01	.01	.04	.02	.08	.09	.20	.11	.17	.04	.01	.14	.22	.11	.03	.07	.05	.04	.05	.81
LAY DAM	.07	.54	.78	.41	.01	.04																				2.56
LOCK NO 1 //		.01		.01									.02	.11	.17	.04							.08			.77
MAGNOLIA																.06	.40	.06	.04	.04						.60
MARION 1 MILE SSE				.01	.01	.01		.02	.03	.01	.01					.01	.11	.07	.01	.01	.19	*	*	*	*	.31
MOBILE WB AIRPORT 6	.04						*	*	*		*	*		.12	*	*	*	*	*	.19	*	*	*	*	*	
MOBILE WB CITY	.01									.02	*	*	*	.26	.02	*	.29	.12	.01	.24	.10	.01	.01	.08	1.17	
MONTGOMERY WB AIRPORT 6		*	*	*	*	*	.03	*	*		*	*	*	.71	*	*	*	*	*	.64	*	*	*	*	*	
MONTGOMERY WB CITY			.09	.01	.02	.02	.27	.13	.02	.02	.15	.01	.01	.18	.17	.01		.01	.01	.02	.02	.02	.01		1.01	
MOULTON							.08	.15	.01		.01	.07		.01											.33	
MUSCLE SHOALS 6				*	*	*	.07	*	*	*	*	*		.35												
NEW BROCKTON	.38	.14	.05	.01	.03	.05		.12	.14	.06			.01	.35	.30	.13	.03	.02	.01	.15	.08	.08	.16	.02	2.26	
PAINT ROCK						.02	.20	.08	.05	.01			.03													.45
PETERMAN	.03	.01								.01	1.33		.01				.01	.69	.10			.05	.03		2.27	
PLEASANT HILL		.02		.01	.13	.05		.01		.01			.03	.01		1.02	.33	.13	.02	.05	.01				1.82	
RIVER FALLS 2 MILES NE				.01	.01					.01	.02	.48	.02	.06	.06	.02	.02	.23	.37	.51	.13	.01			1.96	
THORNSBY 1 MILE SW	.01	.53		.02	.22	.09	.09	.21	.64	.01	.23	.02	.01											.01	2.07	
TONEY			.01	.02	.03	.08	.10	.09		.01	.01	.08	.01												.42	
TRAFFORD										.13	.02			.01	.14	.14	.01		.01			.01	.01		.59	
TROY	.34	.45	.44	.12	.01	.08	.01	*	*	*	*	*	.70	.15	.15	.10	.05	*	.01	.08	.04	.02	.01		2.76	
TUSCALOOSA AIRPORT 6	.35	*	*	*	*	*	.03	*	*	*	*	*	.04	*	*	*	*	*	.53	*	*	*	*	*		
UNIVERSITY																										

DAILY TEMPERATURES

ALABAMA
APRIL 1949

Table 5

Station		Day of month																															Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
ALBERTVILLE 1 MILE S	MAX MIN	59 42		60 44	62 46	69 32	74 54	74 50	75 54	76 42	72 48	67 55	70 50	78 49	76 47		68 33	70 42	62 37	68 38	68 53	74 52	78 52		80 47	82 58	80 53					71.4 46.9	
ALEXANDER CITY 6 MI NE	MAX MIN	78 49	68 48	55 48	63 43	71 47	57 36	74 44	80 47	84 50	72 51	78 57	66 56	73 51	75 45	79 56	69 40	73 39	62 36	69 39	76 36	69 41	65 55	65 52	82 55	88 42	76 42	80 59	78 62	79 56	66 51	72.9 48.4	
ANDALUSIA	MAX MIN	78 56	75 52	74 51	75 50	64 48	64 44	75 53	81 58	84 58	84 57	77 58	75 61	77 64	76 54	80 60	78 44	65 42	75 48	62 52	68 63	61 60	77 57	83 60	85 57	78 57	81 60	84 64	84 65	78 61	76.7 55.1		
ANNISTON WB AIRPORT	MAX MIN	64 47	58 45	62 45	67 45	57 41	74 40	80 45	84 44	72 47	76 54	67 59	72 53	80 52	69 46	58 34	70 48	72 39	66 37	71 54	78 57	82 59	84 52	77 43	83 47	70 59	73 60	61 49	73 51	71.0 47.6			
ATMORE STATE FARM	MAX MIN	75 56	70 54	66 53	68 50	66 53	75 49	82 55	82 59	85 79	73 59	71 63	76 50	80 55	75 62	78 44	72 39	81 54	76 50	72 61	70 64	80 63	85 61	80 60	85 60	74 59	83 62	78 64	75 64	76.1 56.4			
AUBURN	MAX MIN	75 50	69 47	56 48	60 43	69 49	57 39	71 47	77 48	81 50	76 54	77 53	64 58	71 48	70 56	77 40	73 31	60 44	68 42	75 45	74 54	69 64	76 62	81 59	82 49	74 50	79 57	82 61	80 56	67 51	72.0 49.8		
BAY MINETTE	MAX MIN	76 56	66 54	67 54	69 50	68 52	75 45	81 55	81 58	82 58	72 62	76 59	70 59	77 50	79 56	67 44	72 52	80 49	76 52	72 57	74 65	82 65	82 62	85 62	83 62	75 64	82 64	78 64	81 62	78.8 56.1			
BIRMINGHAM WB AIRPORT	MAX MIN	63 46	59 47	62 48	65 46	75 39	80 40	85 50	85 48	69 55	77 59	69 54	68 52	75 46	82 47	61 38	72 33	73 49	66 34	70 41	64 57	72 60	87 63	82 52	76 49	82 58	73 64	75 61	71 51	72.4 49.6			
BIRMINGHAM WB CITY	MAX MIN	77 45	67 47	60 49	62 45	68 49	53 44	76 52	82 57	86 50	69 52	74 59	69 58	76 52	80 46	69 37	64 53	72 49	75 45	71 69	65 58	78 63	85 61	89 61	79 58	83 63	73 62	75 55	57 51	72.3 51.7			
BREWTON 3 MILES SSE	MAX MIN	82 51	73 51	66 53	69 46	70 49	68 41	76 45	83 50	83 55	77 54	70 59	76 59	76 49	76 53	82 48	83 37	74 40	81 43	75 43	70 59	72 67	84 62	87 56	81 55	81 52	83 62	82 65	79 60	77.1 51.9			
CENTREVILLE	MAX MIN	79 50	72 53	60 52	65 48	60 52	64 52	76 58	83 57	85 55	78 55	76 61	72 61	78 54	82 55	70 50	66 34	78 51	74 52	70 61	76 64	83 66	91 61	80 55	85 62	76 67	74 66	76 61	62 60	74.4 56.1			
CITRONELLE	MAX MIN	75 56	69 53	70 54	68 51	66 52	76 46	83 54	83 57	82 57	78 59	74 58	70 58	76 58	80 62	67 43	74 43	80 53	75 49	68 53	76 65	71 64	83 66	85 62	84 62	75 58	78 64	77 64	76 63	78.7 56.0			
CLANTON	MAX MIN	78 49	67 49	55 49	64 44	67 45	57 43	76 46	82 53	85 52	76 52	80 57	67 58	72 51	75 51	81 53	71 38	63 34	72 40	78 40	70 42	73 47	76 52	82 61	76 46	88 50	75 57	81 62	73 60	77.1 50.1			
CORDOVA	MAX MIN	67 50	65 45	65 50	65 44	58 48	60 50	70 60	85 50	75 45	75 55	72 58	69 55	73 40	83 45	80 36	75 31	72 48	68 34	76 46	79 49	84 60	86 56	82 50	84 47	80 69	76 60	78 50	76 54	73.3 49.1			
DAYTON	MAX MIN	78 50	65 52	60 52	57 41	61 52	63 45	76 54	82 55	85 56	80 59	75 60	72 52	69 53	72 56	82 41	68 37	63 49	75 42	70 47	72 57	72 61	78 60	81 53	80 52	83 62	80 64	75 65	71 60	73.0 53.3			
DECATUR	MAX MIN	77 44	59 44	58 45	59 43	62 43	50 42	74 46	77 47	73 50	64 58	74 57	66 52	73 53	81 48	60 36	56 48	73 40	67 40	64 45	78 59	80 60	81 45	76 50	82 56	73 64	72 58	58 50	68.8 49.4				
DOTHAN CAA AIRPORT	MAX MIN	79 58	64 51	68 52	72 50	62 45	74 53	81 56	84 59	82 59	70 61	78 56	77 56	81 56	82 56	67 45	73 39	80 47	75 47	79 50	75 61	78 63	84 62	87 61	78 55	84 60	87 65	80 62	76 62	77.5 55.2			
EUFULA	MAX MIN	77 52	76 52	62 47	62 51	60 43	63 50	77 53	82 58	85 58	80 61	83 68	76 61	75 50	82 52	79 46															76.8 54.9		
FAIRHOPE	MAX MIN	75 59	70 54	71 56	71 52	69 53	73 53	76 58	79 59	79 62	72 60	72 53	76 53	79 59	78 56	68 41	72 54	79 50	77 54	73 54	77 60	76 64	83 65	86 61	81 60	78 64	82 64	79 62	82 61	76.4 57.1			
FAYETTE	MAX MIN	56 48	67 42	69 49	66 41	69 46	66 40	76 52	81 46	84 52	69 54	70 55	65 54	67 53	80 46	65 49	63 34	73 29	70 47	73 33	65 42	69 52	76 59	85 62	90 42	79 54	84 63	75 63	72 60	60 54	71.7 49.2		
FORT MORGAN	MAX MIN	78 65	74 58	69 59	69 58	70 56	69 63	70 64	74 64	74 63	74 64	74 57	74 64	68 66	71 64	76 52	78 46	68 52	70 48	75 59	74 59	74 65	76 64	79 66	82 66	76 66	78 67	78 68	75 68	79.0 62.1			
FRISCO CITY	MAX MIN	80 52	80 52	60 51	68 49	68 51	66 46	75 51	82 58	84 57	78 58	73 50	70 49	75 51	79 62	67 38	73 40	80 47	74 52	72 60	72 62	69 61	81 62	85 58	81 57	81 62	77 63	74 64	71 61	75.1 54.8			
GADSDEN	MAX MIN	77 46	64 44	68 46	59 44	66 49	54 36	75 47	80 45	82 45	70 57	68 59	70 52	82 45	66 54	57 29	72 40	70 38	82 35	66 48	62 53	57 58	72 56	60 41	79 52	83 44	78 54	82 63	73 52	58 49	71.1 47.2		
GENEVA	MAX MIN	75 56	80 53	68 53	71 50	75 53	65 48	75 55	83 58	86 56	85 56	82 61	70 62	79 50	83 54	85 59	79 36	85 44	83 46	77 57	77 61	85 67	83 55	82 55	85 54	86 57	85 57	86 63	83 63	79.1 53.7			
GOODWATER	MAX MIN	77 51	66 48	54 48	61 42	70 48	56 38	74 40	84 47	71 50	76 53	65 57	66 50	74 46	79 40	71 30	61 42	70 37	69 42	72 55	63 66	76 62	82 59	86 51	75 51	81 57	73 60	79 55	55 49	71.4 49.7			
GREENSBORO	MAX MIN	76 58	79 50	61 51	70 45	70 44	65 53	77 51	81 55	85 55	78 59	75 52	69 52	78 55	84 40	69 35	65 48	75 41	76 48	72 61	72 62	72 61	76 59	89 52	79 56	82 65	80 64	76 58	67 58	75.0 53.5			
GREENVILLE	MAX MIN	77 54	71 52	59 51	64 48	69 49	61 42	75 49	83 54	84 56	77 55	76 57	68 58	75 48	82 51	74 57	65 39	74 46	79 47	72 46	75 60	73 61	82 62	78 52	82 52	79 54	82 61	85 64	79 65	73 61	75.0 53.5		
HALEYVILLE	MAX MIN	73 41	60 42	58 45	60 40	59 41	50 43	73 55	75 48	65 55	70 55	65 52	72 45	78 36	56 48	60 34	65 44	70 38	60 48	65 48	65 55	78 62	79 62	81 47	77 58	80 55	77 63	69 57	58 49	72.9			
HIGHLAND HOME	MAX MIN	77 52	60 50	60 47	65 43	65 50	60 41	75 48	82 55	85 56	77 55	76 60	70 50	77 54	75 44	80 45	71 45	64 46	72 45	77 45	72 58	77 59	79 52	84 53	77 50	83 63	84 64	80 63	78 60	74.			

DAILY TEMPERATURES

ALABAMA
APRIL 1949

Table 5-Continued

Station		Day of month																															Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
MONTGOMERY WB CITY	MAX	70	57	66	66	60	75	80	84	74	79	67	76	75	81	70	64	72	77	70	74	72	74	80	86	75	82	83	80	68	75	73.7	
	MIN	54	52	51	48	49	46	53	55	56	59	59	53	50	55	51	44	42	50	48	50	60	63	62	60	54	54	63	63	57	57	53.9	
MUSCLE SHOALS	MAX	61	58	60	60	52	74	76	76	62	70	68	65	76	80	61	57	72	66	61	64	63	80	82	81	77	81	72	72	62	68	68.6	
	MIN	41	43	45	41	44	46	57	52	48	53	56	54	53	52	43	36	36	46	38	45	56	59	62	53	44	56	63	62	50	51	48.5	
ONEONTA	MAX	78	62	58	62	63	53	75	80	83	71	78	68	65	72	80	67	58	73	70	66	70	62	82	83	83	82	84	73	72	55	70.9	
	MIN	44	44	46	45	46	38	47	47	47	49	55	57	51	45	50	40	30	35	40	39	48	56	60	56	42	48	51	63	53	49	47.4	
OZARK	MAX	75	70	65	72	67	75	82	85	82	80	78	78	75	81	80	71	72	80	77	78	77	77	83	85	83	83	86	79	76	79	77.7	
	MIN	56	51	51	48	55	44	51	52	56	59	60	60	49	54	61	45	39	50	48	49	61	62	62	61	54	54	59	66	63	61	54.7	
PRATTVILLE	MAX	69	69	67	68	61	75	80	84	76	79	68	75	75	75	71	65	73	77	71	74	70	74	81	87	77	82	82	76	66	74.0		
	MIN	46	52	52	44	53	42	49	48	53	58	60	60	51	50	50	42	35	46	45	49	60	60	60	57	51	53	61	64	60	57	52.3	
ROBERTSDALE 7 MILES E	MAX	77	71	72	71	70	71	75	78	81	75	73	71	75	78	79	73	71	80	78	76	75	76	84	86	84	76	82	78	80	81	76.6	
	MIN	66	53	55	51	53	46	56	59	59	55	59	60	51	57	61	46	38	52	50	53	61	66	63	63	62	59	62	64	64	61	56.8	
ROCK MILLS	MAX	78	68	58	63	73	60	75	80	84	72	76	62	71	69	78	75	62	69	77	72	74	61	80	85	86	77	81	82	79	55	72.7	
	MIN	53	42	48	40	38	38	44	42	44	47	56	59	51	45	45	40	30	38	35	36	42	53	60	57	46	41	48	57	45	49	45.6	
SAINT BERNARD	MAX	77	60	58	60	62	52	75	78	77	67	73	69	68	74	81	65	57	70	73	64	67	63	79	80	82	76	83	75	72	54	69.7	
	MIN	42	42	46	41	45	38	46	50	45	48	56	58	51	44	50	39	30	41	38	40	40	55	60	44	41	44	58	63	53	48	46.5	
SCOTTSBORO	MAX	67	62	57	66	58	74	78	79	69	79	60	68	71	82	70	58	72	70	68	70	63	79	83	81	80	83	70	71	63	72	70.8	
	MIN	44	44	48	43	44	37	53	50	44	50	58	57	57	48	50	39	32	45	40	40	52	57	62	52	45	45	53	62	50	50	48.4	
SELMA	MAX	77	70	59	61	67	63	71	80	85	75	78	70	74	75	80	70	65	71	75	71	72	73	73	76	85	76	82	81	78	70	73.4	
	MIN	51	54	52	47	50	46	52	52	55	57	60	60	52	54	60	42	37	40	44	49	55	62	63	59	52	55	60	65	66	58	53.6	
SPRING HILL	MAX	81			77	67	65	75	81			80	69	77	80	76	61	67	78	76	69	74	72				82	76	75	80	75	74.5	
	MIN	58			51	49	53	57	58				59	51	61	64	45	40	57	50	53	58	63	62	63	63	61	67	65	65	62	57.4	
TALLADEGA	MAX	67		68	62	52	74	80	84	70	78	70	72	74	79	72	60	70	73	67	72	67	79	83	86	76	82	75	75	64	72	72.5	
	MIN	47		46	44	49	39	55	46	47	51	58	58	51	45	56	40	31	48	35	39	56	59	61	56	42	51	61	60	51	50	49.4	
THOMASVILLE	MAX	69	58	65	63	63	76	82	83	79	77	71	75	68	81	69	64	74	77	71	67	71	69	80	86	82	80	81	76	76	76	73.6	
	MIN	51	51	52	47	51	45	53	56	55	57	58	49	54	54	50	39	39	51	46	49	57	61	58	60	55	59	64	63	62	63	53.6	
TROY	MAX	77	61	59	62	68	67	75	81	84	77	78	71	77	74	81	76	64	71	79	70	76	74	73	82	84	77	82	85	81	76	74.7	
	MIN	55	50	50	48	55	45	51	56	56	57	58	61	49	55	60	43	38	49	47	49	60	61	62	60	53	54	61	65	65	61	54.5	
TUSCALOOSA AIRPORT	MAX	68	64	69	68	61	77	82	86	74	71	71	68	78	83	68	64	74	75	77	70	70	73	82	89	83	85	78	79	67	73	74.0	
	MIN	48	49	52	45	43	42	50	46	53	56	57	54	52	48	42	38	33	46	37	51	63	60	61	56	46	50	63	64	55	56	50.5	
TUSKEGEE	MAX	77	69	63	69	67	70	79	80	81	80	71	77	74	80	80	65	72	75	77	76	74	77	82	80	80	83	76	84	72	74	75.5	
	MIN	52	49	50	45	49	50	50	59	49	59	56	59	49	58	60	40	33	46	41	56	44	62	62	60	47	49	63	58	54	53	52.1	
UNION SPRINGS	MAX	77	70	56	61	68	60	74	81	83	76	79	69	76	74	79	73	65	70	77	70	76	74	76	81	85	77	83	85	79	74	74.3	
	MIN	53	50	50	47	55	45	53	53	54	56	58	61	49	52	62	42	44	38	45	49	60	61	63	60	53	53	59	64	65	56	53.7	
UNIVERSITY	MAX	68	62	67	68	59	78	83	86	74	70	70	66	77	83	67	64	74	75	73	70	69	73	81	89	83	85	75	74	65	70	73.3	
	MIN	48	49	51	47	47	45	54	52	55	60	59	55	53	50	47	39	34	50	41	48	63	61	62	57	49	56	63	63	55	55	52.3	
VALLEY HEAD	MAX	75	65	59	57	53	59	71	72	76	78	74	72	68	75		60	53	65	69	64	64	67	68	72	72	76	80	72	72	54	67.7	
	MIN	42	42	41	41	47	34	39	40	43	52	50	50	51	52	38	34	28	40	32	35	40	52	52	44	43	43	43	62	63	48	44.0	
WETUMPKA	MAX	81	71	58	67	67	61	77	82	85	77	80	67	74	77	81	73	66	72	80	74	73	70	74	83	89	75	82	81	78	67	74.7	
	MIN	53	51	52	46	46	46	46	53	51	58	59	59	51	52	52	42	36	49	42	43	51	60	62	59	47	49	55	63	64	56	51.8	

EVAPORATION AND WIND MOVEMENT

Table 6

Station		Day of month																															Total	Departure from normal
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
AUBURN	EVAP	28	.30	.07	.09	.12	.10	.26	.30	.40	.19	.10	.32	.15	.05	.21	.34	.24	.24	.30	.24	.17	.00	.12	.23	.42	.25	.21	.19	-	-	8.6.03		
	WIND	14	28	24	5	22	11	50	46	84	18	38	10	87	42	72	69	47	43	68	60	47	38	35	35	68	14	27	39	52	56	1,269		
FAIRHOPE	EVAP	17	.08	.14	.10	.12	.19	.18	.17	.19	.11	.08	.12	.24	.19	.20	.29	.19	.20	.24	.14	.06	-	.13	.07	.15	.14	.10	.11	.14	.19	8.4.82		
	WIND	28	24	42	27	74	68	69	58	44	22	25	60	107	30	40	76	22	25	45	7	25	51	20	10	38	21	12	13	16	14	1,113		

STATION INDEX

ALABAMA
APRIL 1949

Station	Index No.	County	Drainage ¹	Latitude	Longitude	Elevation	Observation time	Observer	Refer to tables	Station	Index No.	County	Drainage ¹	Latitude	Longitude	Elevation	Observation time	Observer	Refer to tables
ABBEVILLE	0008	HENRY	4	31 34 85	15			MID J. P. MITCHELL	3 4	LOCK NO 3	4840	CHOCTAW	13	32 17 88	01	33		7A U. S. ENGINEERS	2 3 5
ADDITION	0063	WINSTON	2	34 29 87	10			MID PALMER GOSSETT	3 4	LOCK NO 17	4855	TALLADEGA	7	33 38 86	11	310		7A U. S. ENGINEERS	2 3 5
ADDITION CENTRAL TOWER	0117	LAWRENCE	2	34 25 87	19	1500		7A U.S.F.S.	3	MADISON	4976	MADISON	12	34 42 86	45	573		6P HARRY F. CARTER	2 3 5
ALABAMA STATE FARM	0140	WALKER	1	31 14 87	25			ALA. POLY. INST.	3	MAGALLA	4986	JEFFERSON	3	33 30 86	51	654		6A ALABAMA POWER CO.	2 3 5
ALBERTA	0148	MARSHALL	12	34 16 86	13	1114	1P	1P PAT M. COVINGTON	3 5	MAGALLA	5004	MARENGO	1	32 08 87	39	360		MID DR. T. R. GALLIARD	3 4
ALBANYVILLE 1 MI S	0148	MARSHALL	12	34 16 86	13	1114	1P	1P PAT M. COVINGTON	3 5	MARION MILE SSE	5108	PERRY	3	32 37 87	18	263		8A O. MYRON RICHFIELD	3 4
ALBANYVILLE 2 MI S	0148	MARSHALL	12	34 16 86	13	1114	1P	1P PAT M. COVINGTON	3 5	MARION JUNCTION	5116	DALLAS	3	32 26 87	14	204		8A MRS. MARGARET SMITH	3 4
ALCOWVILLE	0152	TALAPOOSA	13	33 08 88	17			8A W. M. BLACKBURN	2 3 5	MARTIN DAM	5140	TALAPOOSA	11	32 40 85	55	340		6A ALABAMA POWER CO.	2 3 5
ALCOWVILLE	0152	TALAPOOSA	13	33 08 88	17			7A ROSE PHILLIPS	2 3 5	MARTIN FIELD	5202	MONTGOMERY	1	32 25 86	25	165		MID MID U.S. ARMY AIR FORCES	2 3 5
ALCOWVILLE	0152	TALAPOOSA	13	33 08 88	17			8A W. M. BLACKBURN	2 3 5	MELVIN	5354	CHOCTAW	13	31 56 88	27	310		7A JOHN R. LAND	3 4
ALCOWVILLE	0152	TALAPOOSA	13	33 08 88	17			6P U.S. WEATHER BUREAU	2 3 5	MELVIN 3 MILES E	5382	BIBB	3	32 53 87	20	600		8A USPS	3 4
ANNISTON WB AIRPORT	0272	CALHOUN	7	33 35 85	51			MID MID U.S. WEATHER BUREAU	2 3 5	MILLER FERRY	5427	WALTON	13	31 38 85	39	362		MID MATHIEW W. HALL	3 4
ANNISTON	0338	WINSTON	2	34 04 87	13			MID MRS. LESSIE RUCKER	3 4	MILLER FERRY	5427	WALTON	13	31 38 85	39	362		8A NORMAN D. WILLIAMS	3 4
ANNISTON	0338	WINSTON	2	34 04 87	13			MID MRS. L. MC. BARKS	3 4	MILLER FERRY	5427	WALTON	13	31 38 85	39	362		6P MARDIS M. SLOUNT	CLOSED 4/27/49
ANNISTON	0338	WINSTON	2	34 04 87	13			8A MRS. B. C. BARKS	3 4	MILLER FERRY	5427	WALTON	13	31 38 85	39	362		7A T. C. CARR	3 4
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ANNISTON	0338	WINSTON	2	34 04 87	13			8A MRS. B. C. BARKS	3 4	MILLER FERRY	5427	WALTON							

U. S. DEPARTMENT OF COMMERCE

CHARLES SAWYER, Secretary

WEATHER BUREAU

F. W. REICHELDERFER, Chief

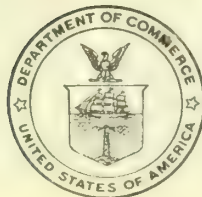
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CLIMATOLOGICAL DATA

ALABAMA

MAY 1949

Volume LV No. 5



A. R. Long, Section Director - Montgomery

General Summary

Total rainfall reported this May was, on an average, slightly more than normal, but the month as a whole was nevertheless rather dry. A very wet spell of 5 to 6 days ended early on the 2d of May when on this date a State wide average of more than an inch and a half was reported for a 24 hour period. This wet spell was followed by 3 weeks without rain except a few showers in the north around the 8th and 9th. Light to moderate showers occurred over most localities on the 23d, but droughty conditions continued in a few areas and were about to become serious by the time a general showery period of several days began on the 27th.

At the beginning of the month, most spring planting was up to date except in the northeast where there was some lag. The commercial peanut crop in the south, and cotton in the north, were nearly all planted by the end of the second week. Corn planting in the north continued until toward the end of the month. The fair weather which prevailed much of the time was favorable for cultivation and for harvesting Irish potatoes, oats, Johnson Grass, and alfalfa and sericea hay. Good crops of lupine seed and crimson clover seed were housed in the south and the harvesting of these seed crops was active in the north near the end of the month. Pastures were fine during the first 10 days or so, but deteriorated considerably due to drying soil prior to the 27th. During the last week, the planting of sorghums and soybeans was underway, and peanuts were still being planted.

WIND AND HAIL

At Montgomery, a thundersquall at 9:25 p.m. on the 23d, did \$2,000 of roof and porch damage to Carver Courts, a negro housing project off Fairview Avenue, adjacent to the St. Jude's School. On the same afternoon, at 3:45 p.m. to 4:20 p.m., there was a shower of hail at Union Springs, in Bullock County, with stones ranging in size up to that of hen eggs. There was some slight crop damage, and a few windows were broken. In the evening of the 30th, on Dog River, near Mobile, probably near 8:30 p.m., a thundersquall over a very small area damaged a boat house and a machine shop to the extent of about \$6,000.

FLOODS

As a result of heavy rain on the 1st and early on the 2d, there was a crest at Centreville, on the upper Cahaba, of 24.3 feet, or 1.3 feet above flood stage. At Montgomery and Millers Ferry, both on the Alabama River, flood stages were also reached after the rainy 6 day period which ended on the 2d. The Montgomery crest was 40.0 feet on the 3d. This crest reached Millers Ferry on the 6th, where the highest stage was 47.0 feet. There was considerable flooding on the Tombigbee and the lower Warrior. The flood stage was exceeded by more than 18 feet at Lock 3 on the Tombigbee on the 7th. No important flood damage was reported along any of these rivers.

FCP

ACKNOWLEDGMENTS

In addition to the climatological data from some 6,000 Weather Bureau and cooperative weather stations, this bulletin series contains records from Hydroclimatic Network Stations which were formerly reproduced in the Hydrologic Bulletin Series. The Hydroclimatic Network is a nationwide net of rain gages--mostly of the recording type which produce continuous records of precipitation. It was established in 1939 at the request of the Corps of Engineers, Department of the Army, to supplement existing precipitation stations in order to provide records of rainfall intensity which were essential to the planning of flood control and related works by the Corps of Engineers. This Network, now numbering about 2,000 recording, and 1,000 non-recording rain gages, has been maintained by the Weather Bureau through working funds transferred annually to the Weather Bureau by the Corps of Engineers. These transfers averaged about \$250,000 per year between 1940 and 1944, and nearly \$375,000 since that date. For the years 1940-42, the Department of Agriculture transferred about \$100,000 per year to provide data required in its work, and since 1947 the Bureau of Reclamation has transferred about \$25,000 per year to meet the increasing needs of their program in the Western States.

Previous to the introduction of this bulletin series, data from Hydroclimatic Network stations were presented in bulletins (Hydrologic Bulletins) which were issued monthly for each of 8 drainage areas embracing the entire United States, but since the Network was established to meet the internal requirements of the Federal agencies referred to above, no provision was made for public dissemination of the data, distribution being limited to cooperating agencies and to certain public repositories. A list of locations where reference copies of the Hydrologic Bulletin Series are available for inspection may be obtained upon application to Chief, U.S. Weather Bureau, Washington 25, D.C.

Many other records published in this bulletin have been made available through the cooperation of various public offices, private agencies, and individuals as listed in the Station Index.

PRESSURE, WIND, HUMIDITY, SUNSHINE, DEGREE DAYS

ALABAMA
MAY 1949

Station	Sea level pressure extremes—_inches				Wind speed—m. p. h.				Relative humidity averages—percent				Sunshine	Degree days 65° base
	Highest	Date	Lowest	Date	Average	Maximum	Direction of maximum	Date of maximum	1:30 a. E. S. T.	7:30 a. E. S. T.	1:30 p. E. S. T.	7:30 p. E. S. T.	Percent of possible	
ANNISTON WB AIRPORT	30.36	4	29.78	10	5.1	-	-	-	89	86	50	65	-	3
BIRMINGHAM WB AIRPORT	30.35	4	29.79	21	8.4	47	SW	23	86	86	50	56	60	0
MOBILE WB CITY	30.25†	4	29.85†	10	10.6	39	SE	2	85†	87†	50†	66†	76	0
MONTGOMERY WB CITY	30.31†	4	29.80†	10	6.7	37	W	23	81†	84†	44†	56†	78	0
† AIRPORT DATA														

COMPARATIVE DATA

Table 1

Year	Temperature			Precipitation		Year	Temperature			Precipitation		Year	Temperature			Precipitation	
	Average	Highest	Lowest	Average	No. of days .01 or more		Average	Highest	Lowest	Average	No. of days .01 or more		Average	Highest	Lowest	Average	No. of days .01 or more
1884	73.2	98	41	2.50	7	1909	68.9	93	30	6.59	10	1934	72.2	97	40	3.91	8
1885	69.9	96	34	5.86	11	1910	68.9	98	34	3.86	8	1935	73.1	96	40	4.39	7
1886	71.5	95	38	3.48	6	1911	72.9	102	35	2.85	5	1936	73.6	97	43	1.91	5
1887	74.0	99	40	2.82	10	1912	72.0	103	38	3.60	7	1937	72.9	101	40	4.30	8
1888	70.8	96	35	4.12	10	1913	71.6	98	41	3.14	6	1938	72.9	99	42	3.48	8
1889	69.5	95	37	1.66	4	1914	71.8	104	40	1.04	3	1939	71.0	93	36	5.48	13
1890	70.1	95	34	5.17	8	1915	74.5	100	42	6.34	8	1940	69.0	97	34	3.45	7
1891	69.6	99	36	2.10	6	1916	73.5	102	40	4.31	7	1941	73.5	100	33	0.66	3
1892	71.1	100	36	3.27	7	1917	66.2	97	33	2.37	5	1942	71.4	97	38	3.40	6
1893	71.0	96	38	7.33	10	1918	72.9	100	35	2.51	4	1943	74.3	97	40	3.74	6
1894	72.0	102	34	2.37	6	1919	69.2	93	40	6.07	13	1944	73.2	98	31	2.89	6
1895	70.1	98	37	3.89	10	1920	70.7	97	41	4.92	11	1945	69.5	100	31	2.29	6
1896	76.0	100	49	3.45	6	1921	70.7	98	37	1.98	5	1946	70.9	92	37	7.47	12
1897	68.9	97	32	1.51	4	1922	72.0	99	45	6.70	14	1947	70.5	93	33	5.93	10
1898	73.7	101	33	0.89	3	1923	69.5	94	31	8.61	15	1948	72.4	99	39	3.18	6
1899	76.1	100	48	2.01	4	1924	67.9	94	36	4.22	9	1949	72.9	98	45	4.07	
1900	71.5	97	38	2.62	6	1925	70.3	99	33	2.33	5	Period	71.3	104	30	3.95	
1901	70.3	99	40	5.08	8	1926	70.4	99	39	2.99	6						
1902	75.6	100	42	2.63	6	1927	73.1	99	38	2.55	6						
1903	69.7	98	34	6.07	10	1928	69.5	99	38	3.66	8						
1904	69.9	99	37	2.95	6	1929	71.3	96	37	5.86	11						
1905	74.7	99	44	5.37	11	1930	72.8	95	40	3.82	7						
1906	70.0	97	31	4.82	9	1931	68.5	96	38	3.32	8						
1907	68.4	92	37	7.78	12	1932	70.0	92	40	5.17	9						
1908	71.7	98	30	5.26	8	1933	76.1	100	45	2.41	5						

See reference notes following Station Index

CLIMATOLOGICAL DATA

ALABAMA
MAY 1949

Table 2

Station	Temperature								Precipitation									
	Average	Departure from normal	Highest	Date	Lowest	Date	No. of days		Total	Departure from normal	Greatest day	Date	Snow, Sleet, Hail			No. of days		
							Max. 90° or above	Min. 32° or below					Total	Max. depth on ground	Date	.01 or more	.25 or more	1.00 or more
NORTHERN DIVISION																		
ANNISTON WB AIRPORT	70.9	1.8	91	8	46	26	3		3.52	- 0.38	1.35	1	T			9	3	2
BIRMINGHAM WB AIRPORT	71.5	2.2	90	6	50	26	1		3.37	- 0.58	1.43	1	T			11	5	1
BIRMINGHAM WB CITY	73.4	2.3	94	7	54	26	4		3.37	- 0.58	1.75	2				10	3	1
CORDOVA	71.4	1.8	90	4+	47	26	4		3.98	0.00	1.83	2				4	4	2
DECATUR	71.1	1.1	89	8	53	11+			3.36	- 0.47	0.71	31				12	6	
FAYETTE	71.2	-	92	8	46	26	4		5.94	1.66	2.22	2				11	6	3
GADSDEN	70.1	0.2	92	6	45	26	8		3.00	- 1.11	1.33	2				9	2	1
GOODWATER	71.7	1.1	90	7+	49	26	4		4.14	0.43	1.36	2				6	4	2
HALEYVILLE	70.2	-	87	6+	52	11+			4.26	-	1.43	2				9	5	2
HUNTSVILLE	70.6	-	89	5+	50	13+			4.13	0.14	1.52	30				12	5	1
LOCK NO 4	70.3	0.5	89	6+	48	26			3.63	- 0.33	1.57	2				5	4	2
MADISON	70.1	0.7	91	5	49	11+	3		4.04	0.05	1.28	20				15	4	1
MUSCLE SHOALS	71.2	2.0	92	6	52	11+	1		2.62	- 1.63	1.04	30				11	4	1
ONEONTA	71.1	2.6	93	10	48	26	8		5.02	0.58	1.64	2				9	7	1
ROCK MILLS	71.0	-	93	6+	48	26	7		4.51	1.16	1.10	16	T			9	6	1
SAINT BERNARD	69.9M	2.0	90	9	48	26	1		-	-	1.35	2						
SCOTTSBORO	70.8	2.7	92	5+	49	26	4		7.40	3.42	1.85	30				12	9	2
TALLADEGA	71.7M	1.1	90	6+	47	27	4		6.06	2.16	1.93	31				9	3	3
TUSCALOOSA AIRPORT	73.4	1.6	92	6	50	26	11		4.41	0.27	2.57	1				10	3	1
UNIVERSITY	73.9	2.1	93	6+	53	13	11		3.73	- 0.41	2.13	1				7	3	1
VALLEY HEAD	70.2	3.0	89	6+	51	6+			6.79	2.53	2.04	2				12	8	1
DIVISION	71.2								4.36									
MIDDLE DIVISION																		
ALEXANDER CITY 6 MILES NE	71.0	-	91	7+	46	26	3		4.43	-	1.28	2				9	5	1
AUBURN	71.7	0.1	90	7+	47	26	3		2.75	- 0.79	1.13	31				5	3	1
CENTREVILLE	77.2	6.7	95	8	58	3	15		5.22	1.15	3.01	2				7	5	1
CLANTON	73.1	2.4	92	21	51	26	10		4.34	0.50	2.19	2				8	5	1
DAYTON	73.8	-	93	28	52	14	13		2.44	-	1.53	2				7	2	1
EDFAULA	74.5	1.8	92	7	51	13	11		3.75	0.13	1.89	31				7	4	1
GREENSBORO	74.0	1.9	92	7	54	13+	12		5.82	1.38	3.59	2				7	4	1
GREENVILLE	74.3	1.0	92	20	55	13+	10		5.53	1.66	2.48	2				7	5	2
HIGHLAND HOME	74.0	1.5	92	21	56	12	4		3.49	- 0.10	2.00	2				4		3
LA FAYETTE	71.6	-	90	6+	52	11+	3		2.13	-	-		T			10		
LIVINGSTON	73.2	1.2	90	6+	51	3	5		4.34	0.70	1.74	1				9	5	2
MAXWELL FIELD	75.5	-	93	6	58	13	10		2.72	-	1.64	1				6	2	1
MONTGOMERY WB AIRPORT	74.3	-	94	6	54	13	9		3.05	-	2.08	1				8	2	1
MONTGOMERY WB CITY	75.2	1.8	92	6+	59	12+	5		2.88	- 0.96	1.60	1				7	3	1
PRATTVILLE	73.1	2.2	91	6+	52	14	8		3.39	0.06	2.00	2				7	2	1
PUSHMATAHA	73.4	1.6	92	25	52	13+	8		1.89	- 2.54	1.13	2				3	2	1
SELMA	73.5	0.6	90	7+	55	13+	2		4.81	1.08	3.02	2	T			5	3	2
THOMASVILLE	73.6	1.0	91	23+	53	26	8		3.91	- 0.35	1.98	2				6		1
TROY	74.3	1.2	93	21	55	13	10		4.02	0.43	2.40	24				7	2	2
TUSKEGEE	74.5	2.1	92	23	54	14	12		3.00	0.08	0.95	1				4	4	
UNION SPRINGS	73.8	0.8	92	9	52	26	5		2.79	- 0.75	1.08	24	T			7	4	1
WETUMPKA	73.6	1.0	94	7	53	13	4		4.44	0.89	1.38	2				5	4	2
DIVISION	73.8								3.69									
SOUTHERN DIVISION																		
ANDALUSIA	74.4M	-	94	24	54	26			4.54	-	1.68	1				6	5	2
ATMORE STATE FARM	75.7	-	93	8+	57	12+	13		5.96	-	2.00	2				7		
BAY MINETTE	74.8	1.5	91	24+	56	12	4		5.63	0.96	3.81	2				4	4	1
BREWTON 3 MILES SSE	73.7	1.3	93	24+	49	13	13		4.78	0.63	1.96	2				7	4	2
CITRONELLE	75.4	1.8	91	23+	57	26	4		8.63	3.77	3.33	2				8	4	3
DOTHAN CAA AIRPORT	76.1	-	98	21	54	13	15		1.92	- 1.26	1.12	31				7	1	1
EVERGREEN	75.1M	2.2	95	26	52	26	15		5.37	0.25	2.49	2				4	3	2
FAIRHOPE	75.0	2.0	91	7+	55	26	7		7.84	3.16	3.72	30				6	4	2
FORT MORGAN	75.7	-	91	8	57	13	1		3.30	-	2.25	2				4	4	1
FRISCO CITY	74.5	-	91	9+	54	13	10		4.88	0.29	2.41	2				7	4	1
GENEVA	75.2	-	96	21	50	13	17		0.82	- 3.04	0.47	2				4	2	
LOCKHART	74.8	-	93	28	53	26	9		1.66	-	1.04	1				4	2	1
MOBILE WB AIRPORT	75.1	-	91	7+	58	11+	4		3.10	-	1.00	1				6	3	1
MOBILE WB CITY	76.0	1.6	92	8	59	12	4		3.21	- 1.11	0.76	1				6	5	
OZARK	75.4	1.9	94	20+	54	13	13		2.38	- 1.05	1.04	30				7	3	1
ROBERTSDALE 7 MILES E	74.4	-	92	8	54	14	4		3.21	- 2.29	1.61	2				5	3	2
SPRING HILL	75.2M	1.1							3.63	- 1.59	1.72	2				5	4	2
DIVISION	75.1								4.17									
STATE	72.9	1.6							4.07	0.12								

See reference notes following Station Index.

ALABAMA
MAY 1949

Station

Day of month

al

Station		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total	
ABBEVILLE	R	.17	.09				.35		.08	.11	.01													.23	.57			.06	.20	.45	.15		2.35	
ADDISON	R	1.82	.01						.15		.46													.04	.26					20	.28		2.94	
ADDITION CENTRAL TWR											1.74													.60	.67			.08				1.58	5.05	
ALABAMA STATE FARM											.64													.59							.36		4.69	
ALBERTA			.06	2.05																				.16					.14	.33	.31	.21	3.26	
ALEXANDER CITY 6 MI NE					.02					.19															.05	.78			.60	.03	.98	.50	4.43	
ALICEVILLE											.30													.25	.20					.70	.50	4.15		
ANDALUSIA		1.68	1.29																					.25	.20									
ANNISTON WB AIRPORT		1.35	.09								.05									T				.13	.30	.09				.39	.79	4.54		
ARLEY											.55	.75																.25	.05	.08	.67	1.09	.02	3.53
ASHVILLE		.02	1.42								.14															.44	.04				1.13	.61		4.15
ATHENS			T	.80						.33	.37	.30							.78						.26	* .39		.08	.02	*	2.84	5.96		
ATMORE STATE FARM	Z	1.32	2.00																															
AUBURN										.21																			.07		.62	1.13	2.75	
AUBURN SCS 10	R	.60							.07										.03						.07				.57	1.01		2.43		
AUTAUGAVILLE		.87	2.15																						1.78				.22		.46		5.48	
BARTON										.04	1.62	.10							.46						.18	.22	.20			.08	.05	4.37		
BAY MINETTE																									.40					.92	.50		5.63	
BEATRICE										.45	.15														.15	.15				*	.17		2.11	
BELGREEN	R	.62															.31								.19	.17		.02	.03	*				
BERRY	R	6.00						.20		.01	.59	.04													.02	.17			.37	.11	.80	.61	V8.52	
BEAR 2 MILES SE	R	1.02	.06																															
BILLINGSLEY				-	-	-	-	-		.01	.01	T	-	-	-	-	-	-	-	-	-	-			.87				1.0					

See reference notes following Station Index

DAILY PRECIPITATION

ALABAMA
MAY 1949

Table 3-Continued

Station	Day of month																													Total		
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
MILSTEAD	.25	1.31							.52															.73	T		.11		.31	1.04	3.75	
MITCHELL DAM		.22							T														.17	.15			.33	.33	.33	1.62		
MOBILE WB AIRPORT	1.00	.76																						.22			.13	.89		3.10		
MOBILE WB CITY	.76	.71						.43																.24			T	.66	.41		3.21	
MONTE SANO	.20	.89							.50		.25										.45			.53	1.28		.10	.83	1.11	6.14		
MONTEVALLO		2.00	.10													.10								.53	.20		.80	.49	.52	4.74		
MONTGOMERY WB APT	2.08	.07																					.43	.02		.09	.03	.12	.21	T	3.05	
MONTGOMERY WB CITY	2.16	.07																					.77	.03		.03	.31	.07		2.88		
MOULTON	1.02	.18					.53	.51	.05	.06										.75			.12	.27	.02			.59	*	.13	4.33	
MUSCLE SHOALS	.84						.03	T	.03	.12					.01					.26		T		.27		.03	T	T	1.04	.07	2.62	
NEW BROCKTON	.68	.09																					.24	.48				.43	.81	2.73		
NEWBURG	.03	.69						.01		.27	.14					.03							.05	.60			.02	.10	.01	1.95		
NEW MARKET	1.51								.52	.44	.15										.55			.20	.90		.19	.84	.55	5.85		
NEWTON	.32																							.48	.42			.16				
ONEONTA	.38	1.64							.53	.09																		.15	.55	.78	5.02	
ORVILLE		2.46																						.36	.55		.38	.55		3.75		
OZARK	.21	.29																						.20	.02			.01	1.04	.07	2.38	
PAINT ROCK	1.28	.02						.41	.05	.21										1.23				1.02		.05	*	*	1.95	.35	6.57	
PALMERDALE		1.75																					1.10				2.05	1.24	.25	6.39		
PERRYSVILLE	.20	3.11																					1.10				.74	.15		5.30		
PETERMAN	2.09	.40								.07	.01	.60								.76				.18	.25		.08	.12	.19	.65	3.92	
PICKENSVILLE		2.63																						.20			.16	.05	.26		3.00	
PINE HILL		1.36							.23		.12	T												.31	.42		.16	.65		4.18		
PINE LEVEL		1.40																						.32	.09			.28				
PLANTERSVILLE	.05	3.35																						.50	.60		.40	.10	.10	5.10		
PLEASANT GROVE SCHOOL	.05	.96	T							.07	.01	.60									.76			.18	.25			.12	.19	.65	3.92	
PLEASANT HILL	1.91	.14																					.47				.03	.18	.03	4.62		
PRATTVILLE	.05	2.00																						.89	.17		.14	.04	.10	3.39		
PRIMROSE FARM	*	1.66																						.77	.24			.28	.23	1.18		
PUSHMATAHA	.11	1.13																										.65	1.89			
RED BAY		.58								.42	.22													.15	.85			.22	.24	2.44		
REFORM	.28	3.59								.14											T			.04			.09	.81	.03	4.98		
RIVER FALLS	.90	1.40																						.23	.16		*	.24	1.24	4.28		
RIVER FALLS 2 MI NE	1.35	.07						.05															*				*	1.58		3.05		
ROBERTSDALE 7 MI E		1.61																							.13		.06	.35	1.06	3.21		
ROCK MILLS		.69					.10				.02					1.10								.85	.50		.27	.06	.92	4.51		
SAINT BERNARD		1.35							.33	.05	.12												.03	.45	.46		.18	.46				
SAND MTN STA FARM APT	1.30	3.02					.10			.11										*	.42	.02	.16	.48	.02		.12	1.14	.35	4.72		
SAYRE	.26	1.59								.01	.02													.48	.02		.05	.26	1.02	.09	3.72	
SCOTTSBORO	1.09						.72	.05		.39					.05					.66	.60		.17	.60			.41	.10	1.85	.76	7.40	
SCOTTSBORO SUBSTA	.04	1.32	.02					.56	.29	.04	.04												1.35	.02	T	.16	.56	.45	1.46	.56	6.87	
SELMA	.09	3.02						*		.54	.15													.13	.73	.04	.29	.02	T	4.81		
SHEPHERD TVA NRST	T	.87						.58	*		.74					.10				.28			.07	.13			.15	.09	3.00			
SHOEMAKER SPRINGS	T	1.33																						.10	.69		.20	.40	.98	4.52		
SLOCOMB	.52																							.10			.60	.40	.60	2.22		
SNOW HILL		3.00																						1.20				.20	.14	.01	4.55	
SOUTH HILL	.01	2.40						.17	.18	.15													.39	.14	.12			.06	1.10	.59	6.01	
SPRING HILL		1.72																						.02	.56			.30	1.03		3.63	
SWAIN	T	1.18						.35	.08	.45					.05	.08							1.72				.21	.15	.65	1.14	6.36	
SYLACAUGA		1.68	.02																					.02	.02		.28	.23	.69	1.56	4.53	
SYLVANIA		1.59						.25	.38	.25													.60		.28	.42		.28	.58	.40	5.00	
TALLADEGA	1.12	.37																					*				.06	.77	.35	1.06	5.06	
TROMASVILLE		1.98																						.72	.24			.32	*	.65	3.91	
THORNSBY 1 MILE SW	R 1.74	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
TEURLOW DAM	1.08	1.14																						.35			.23		.27	1.82	4.89	
TIBBIE 2 MILES S		2.56																						2.74				2.51		7.81		
TONEY	R .84	.35					.03	.21	.43	.24										.17			.01	.40		.02	.07	.06	.10	.77	3.70	
TRAFFORD	Z .20	1.35							.55															.10	.33			.25	1.15	.10	4.03	
TROY	Z .12	1.09																						2.40			.09	*	.15	.17	4.02	
TUSCALOOSA AIRPORT	2.57	.24					T	T		T										.02		T	.32	.03			.12	.01	.78	.16	4.41	
TUSCALOOSA LOCK DAM	.63	2.33																						.70	.02			.32	.86		4.86	
TUSKEGEE	.95																							.90			.30	.85	T		3.00	
UNION SPRINGS	.10	.80																						1.08	.30		.03	T	.20	.28	2.79	
UNIONTOWN	.12	2.22									.05													.02				.20	.30	.12	.05	3.08
UNIVERSITY	2.13	.05																					.65				.22	.38	.10	.20	3.73	
VALLEY HEAD	.15	2.04						.58	.21	.59						.55				.67				.06	.25			.48	.80	.41	6.79	
VANCE		2.21																						.61	.21				.49			
VERNON	R 2.60	-					.50		.08															.03	.05		.29	.30	.96	.73	76.07	
WAILEY		.90																											.50	.70		
WALLACE	1.98	2.20																							.28				.36	1.81	6.73	
WALNUT GROVE																																

ALABAMA
MAY 1949

P. M. Hour ending

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ALABAMA
MAY 1949

Station	A. M. Hour ending												P. M. Hour ending												Total	
	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12		
GARDEN CITY																		.03	.52	.48	.01				1.04	
GREENVILLE NO 2															.10	.33	.02			.68	.03	.02				.45
GUNTERSVILLE REC															*	*	*	*		.02	*	*	*	*	*	.73
HUNTSVILLE 6																		.01							.02	
LAY DAM															.03	.01	.19								.23	
MAGNOLIA																.15	.01	.01	.04	.01					.43	
MIDWAY																	.42	.01							.22	
MOBILE WB CITY																		.07	.29	.15					.51	
MOULTON																	.01		.29	.09	.02				.41	
PAINT ROCK																	.01								.05	
RIVER FALLS 2 MILES NE															.04	.01		.10	.02	.02	.01				.21	
TONEY																	.09		.55						.58	
TRAFFORD																										
-9th-																										
ADDISON				.01																		.01	.05	.04	.11	
BELGREEN	.04	.02						.02										.09		.14	.09	.04	.01		.45	
BEKAR 2 MILES SE	.06	.02																.01				.47	.02		.59	
BIRMINGHAM WB AIRPORT				.04	.01																			.01	.01	
BOAZ																									.05	
FLAT ROCK								.14	.01	.01	.01														.17	
FORT PAYNE																							.01	.03	.04	
HALEYVILLE																						.31	.09	.01	.41	
HUNTSVILLE 6	.11																			*	*	*	*	*	.05	
MOULTON																							.02	.03	.05	
MUSCLE SHOALS 6															*	*	*	*	*	.03					.05	
PAINT ROCK				.01				.04																	.05	
TONEY				.19	.06															.13					.05	
TRAFFORD								.01	.01														.02	.01	.05	
VERNON																							.07	.01	.08	
-10th-																										

See reference notes following Station Index.

HOURLY PRECIPITATION

ALABAMA
MAY 1949

Table 4--Continued

Station	A. M. Hour ending												P. M. Hour ending												Total
	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	
GREENVILLE NO 2																									1.32
HALEYVILLE										.36	.05										.18	.62	.50	.02	.41
HUNTSVILLE 6																									.22
JACKSONVILLE												.13	.08	.01					.34						.21
LAY DAM																		.01	.01						.30
MAGNOLIA																					.15	.04			.01
MARION 1 MILE SSE																					.28	.01			.30
MIDWAY																					.14	1.41	.01	.05	.11
MOBILE WB AIRPORT 6																									.39
MONTGOMERY WB AIRPORT 6																									.77
MONTGOMERY WB CITY																									.77
MUSCLE SHOALS 6																									.24
NEW BROCKTON																									.24
PLEASANT HILL																									.01
TONEY																									.01
TRAFFORD																									.17
TROY																									2.15
TUSCALOOSA AIRPORT 6																									.66
UNIVERSITY																									.03
VERNON																									
-24th-																									
ABBEVILLE	.25	.17	.10	.03	.01	.01																			.57
ADDISON										.15	.09	.01	.01												.26
ATMORE STATE FARM																									.43
AUBURN SCS 10																									.07
BELGREEN										.16	.01	.01													.17
BEAR 2 MILES SE										.15	.01	.01													.17
BIRMINGHAM WB AIRPORT																									.02
BOAZ																									.65
CAMPBELL																									.74
DADEVILLE NO 2										.01			.01												.02
DOTHAN CAA AIRPORT																									.10
EUTAW LOCK NO 7										.01	.01														.02
FLAT ROCK																									.22
FORT MORGAN //										.09	.04	.06	.01												.34
FORT PAYNE																									.44
GARDEN CITY										.02															.50
GREENVILLE NO 2	.37	.11	.01																						.49
GUNTERSVILLE REC																									.14
HALEYVILLE										.01	.13	.01													.15
HUNTSVILLE 6																									.15
LAY DAM																									.32
LOCK NO 1 //																									.04
MARION 1 MILE SSE																									.06
MIDWAY	.06																								.24
MOBILE WB AIRPORT 6																									.03
MOBILE WB CITY																									.49
MONTGOMERY WB AIRPORT 6	.43																								.20
MONTGOMERY WB CITY																									.03
MOULTON										.20	.09	.01													.27
MUSCLE SHOALS 6																									.48
NEW BROCKTON																									.18
PAINT ROCK										.27	.15	.03	.02												.48
PETERMAN																									.20
RIVER FALLS 2 MILES NE	.05	.01	.09	.18						.01	.01	.40													.40
TONEY																									.26
TRAFFORD	.09	.02	.10	.01	.03	.03																			.28
TROY	.10																								
TUSCALOOSA AIRPORT 6																									
-25th-																									
FORT MORGAN //		.02		.01	.01																				.04
MOULTON																									.02
VERNON																									.05
-26th-																									
BELGREEN																									.02
FLAT ROCK																									.20
HALEYVILLE																									.02
HUNTSVILLE 6																									.05
MUSCLE SHOALS 6																									.02
PAINT ROCK																									.05
TONEY																									.02
-27th-																									
ABBEVILLE																									.06
ADDISON																									.08
ANNISTON WB AIRPORT 6																									.37
BEAR 2 MILES SE																									.27
BIRMINGHAM WB AIRPORT																									.10
BOAZ																									.12
DADEVILLE NO 2																									.34
EUTAW LOCK NO 7																									.16
FLAT ROCK																									.03
FORT PAYNE																									.03
GARDEN CITY																									.03
GUNTERSVILLE REC																									.03
HALEYVILLE																									.03
HUNTSVILLE 6																									.03
JACKSONVILLE																									.03
LAY DAM																									.03
MARION 1 MILE SSE																									.03
MIDWAY																									.03
MONTGOMERY WB AIRPORT 6																									.03
MONTGOMERY WB CITY																									.03
PAINT ROCK																									.03
TONEY																									.03
TRAFFORD																									

Table 4-Continued

HOURLY PRECIPITATION

ALABAMA
MAY 1949

Station	A. M. Hour ending												P. M. Hour ending												Total	
	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12		
DADEVILLE NO 2		.09	.09	.01				.01				.01													.21	
EUTAW LOCK NO 7	.06																								.06	
FLAT ROCK	.03	.09	.11	.11																					.34	
FORT PAYNE		.01	.05	.01			.01																		.08	
GARDEN CITY												.05									.37	.01	.01		.44	
GREENVILLE NO 2																	.85	.26	.05						1.16	
HUNTSVILLE 6	.03	*	*	*	*	*	.01																		.31	
JACKSONVILLE	.28	.02				.01																			.18	
LAY DAM	.16	.01	.01																						.43	
LOCK NO 1 //														.11	.20	.09	.03						.01		.25	
MAGNOLIA														.01	.22	.01									.09	
MARION 1 MILE SSE	.03	.01															.05				.05				.05	
MIDWAY	.09	*	*	*	*	*	.03																			
MONTGOMERY WB AIRPORT 6																	.02	.33	.12						.47	
PLEASANT HILL														*	*	*	*	*	*						*	
RIVER FALLS 2 MILES NE														*	*	*	*	*	*						*	
TONEY	.06																								.06	
TROY	.05	.01																		.16					.22	
TUSCALOOSA AIRPORT 6	.13																									
UNIVERSITY	.03	.01																							.04	
-29th-																										
ABBEVILLE							.04	.02	.01	*	*	*	.08				.20	.25							.45	
ADDISON																	.13		*	*	*	*	*	*	.20	
ANNISTON WB AIRPORT 6								*	*	*	*	*				.02		.16	1.26	.12	.05	.01	*	*	1.63	
ATMORE STATE FARM																		.07		.10	.37	.03	*	*	.57	
AUBURN SCS 10									*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
BELGREEN																.29	.31	.04	.05						.80	
BERRY					.10	.01																			.14	
BEXAR 2 MILES SE					.10	.03	.01																		.57	
BIRMINGHAM WB AIRPORT					.10		.10										.03	.44							.71	
BOAZ										.05	.06	.02	.01						.27	.28	.40	.10	.02	.01	.67	
DADEVILLE NO 2						.01		.01			.01	.01													.63	
EUTAW LOCK NO 7														.03	.30	.35	.03								.71	
FLAT ROCK									.11	.01	.01														.13	
FORT MORGAN //												.08		.18	.03	.02									.32	
FORT PAYNE																									.03	
GARDEN CITY							.05	.27	.01	.01							.01	.04	.01	.01	.02	.01			.44	
GREENVILLE NO 2													.03												.03	
HALEYVILLE							.05										.01	.01							.07	
JACKSONVILLE								.01	.05	.02	.01								.10	.24	.07		.01	.03	.54	
LAY DAM		.01			.02					.01					.01		.35	.02			.02				.44	
LOCK NO 1 //	.01	.02	.01	.01	.02	.03			.01		.10	.03		.02	.03	.03	.52	.10	.01						.87	
MAGNOLIA														.06	.03	.03	.17	.10		.01					.40	
MARION 1 MILE SSE															.02	.01									.03	
MIDWAY														*	*	*	*	*	.10	*	*	*	*	*	.02	
MOBILE WB AIRPORT 6													.18	.06			.38	*	.01	.03					.66	
MOBILE WB CITY															*	*	*	*	.12						.59	
MONTGOMERY WB AIRPORT 6																	.02	.29							.31	
MONTGOMERY WB CITY																	.12	.31	.16						.05	
MOULTON																	.01	.01	.01	.02					.10	
PETERMAN																	.02								.03	
PLEASANT HILL																									.10	
TONEY									.10																.62	
TRAFFORD							.27	.04	.01								.10	.09	.03		.08				.02	
TROY													.02													
TUSCALOOSA AIRPORT 6														*	*	*	*	*	.78						.35	
UNIVERSITY														.01	.26	.06	.02	.05	.01						.96	
VERNON					.09	.22	.01	.01	.01	.01	.01	.01				.01	.47	.05	.05	.01						
-30th-																										
ABBEVILLE				.01	.11	.06	.03	.02				.03	.02	.01	.02	.03	.03	.01		.01	*	*	*	*	.15	
ADDISON						.73	*	*	*	*	*	.01							.01						.26	
ANNISTON WB AIRPORT 6	.59	*	*	*	*			*	*	*	*	*	.28							*	*	*	*	*		
ATMORE STATE FARM			.01		.01								.03						.05	.15	.01	*	*	*	.32	
AUBURN SCS 10	*	*	*	*	*	*	.08		.13	.52	.10					.26	.09				.01	.01	.01	.01	1.01	
BELGREEN																								.17		
BERRY	.04	.02	.09	.36			.01	.09																	.61	
BEXAR 2 MILES SE	.01	.04	.05	.20	.01				.01	.01	.01						.01								.34	
BIRMINGHAM WB AIRPORT			.01	.04	.04	.05	.20	.01		.02	.04														.41	
BOAZ	.04	.01	.04	.11	.08	.06	.05	.02	.05	.01											.46	.01			.94	
DADEVILLE NO 2			.02						.60																.64	
DOTHAN CAA AIRPORT												*	.15				.02								.17	
EUTAW LOCK NO 7		.01	.01	.01			.12	.08	.01	.02	.01		.02	.01	.02										.31	
FLAT ROCK						.17	.01	.50	1.10	.20	.03	.01		.04	.01										2.07	
FORT MORGAN //	.02		.01	.01								.01					.02								.36	
FORT PAYNE		.01	.06	.07	.36	.13	.25	.16		.02				.01	.01	.04			.02	.12	.09	.01	.01	.03	1.12	
GARDEN CITY		.03	.15	.09	.04	.07	.13	.13	.06	.01							.02	.02	.01						.76	
GREENVILLE NO 2												.09	.01			.05	.04	.01							.20	
HALEYVILLE			.03	.03	.12	.11	.04	.01	*	*	*	*													.34	
HUNTSVILLE 6		*	*	*	*	.53	*	*	*	*	*	*	.98						*	*	*	*	*	*	1.29	
JACKSONVILLE		.05	.09	.01	.36	.18	.24	.08	.16	.04	.04		.03		.01										.39	
LAY DAM		.01	.01	.01	.02	.34			.01			.01					.15	.01	.40	.18	.03	.02			.63	
LOCK NO 1 //																										

HOURLY PRECIPITATION

ALABAMA
MAY 1949

Table 4-Continued

Station	A. M. Hour ending												P. M. Hour ending												Total
	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	
FORT MORGAN //				.01	.01	.01																			.03
GREENVILLE NO 2																									.42
GUNTERSVILLE REC							1.05													.42					1.05
HUNTSVILLE 6	.01																								
JACKSONVILLE										.21	.06	.05													.32
LAY DAM																.34	.26	.02							.62
MOBILE WB AIRPORT 6	.27																								
MOULTON								.09																	.13
MUSCLE SHOALS 6							.07																		
NEW BROCKTON																.07	.01	.01	.72						.81
PAINT ROCK																									.35
PLEASANT HILL																									.03
THORSEY 1 MILE SW									.05		.16	.14													
TROY																									.17
UNIVERSITY																	.16		.01	.23					.23

DAILY TEMPERATURES

ALABAMA
MAY 1949

Table 5

Station	Day of month																													Average				
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31			
ALEXANDER CITY 6 MI NE	MAX MIN	74 56	83 60	75 55	85 52	86 56	88 57	91 58	90 58	91 57	87 59	79 59	76 58	78 48	83 52	85 55	87 59	87 56	87 57	88 54	88 55	89 59	88 71	87 69	89 65	84 57	80 46	84 56	85 62	84 62	81 64	82 64	84.5 57.5	
ANDALUSIA	MAX MIN	78 61	85 62	83 61	85 67	85 61	87 63	90 64	87 64	89 67	84 60	74 59	80 55	82 55	85 59	87 58	88 58	87 64	87 63	89 60	90 66	90 69	89 68	94 67	90 60	83 54	88 62	92 66	86 68	88 66	88 65	86.4 62.4		
ANNISTON WB AIRPORT	MAX MIN	82 60	77 57	84 55	86 53	89 54	90 56	90 57	91 58	91 57	87 62	76 58	75 57	77 55	84 52	85 58	87 59	87 61	87 57	88 58	89 60	90 62	90 64	89 62	89 62	88 62	84 62	79 61	83 57	82 65	86 68	81 66	80 65	84.3 57.5
ATMORE STATE FARM	MAX MIN	85 65	82 63	86 65	87 68	90 63	91 64	91 65	93 66	90 65	83 65	75 69	82 61	85 57	89 58	89 60	90 62	90 64	90 64	90 64	89 62	89 62	89 73	91 69	93 72	83 61	88 57	93 65	90 68	86 69	84 66	83 65	87.6 63.8	
AUBURN	MAX MIN	73 56	83 59	78 60	84 55	84 54	88 62	90 61	90 59	87 60	80 59	80 58	80 53	76 50	82 56	84 56	87 59	85 62	87 60	84 59	88 60	89 61	87 67	88 67	88 63	87 57	81 47	85 55	87 62	84 62	81 63	79 65	84.4 58.9	
BAY MINETTE	MAX MIN	84 60	82 63	87 63	88 66	89 63	89 62	90 64	89 66	89 65	82 69	73 59	82 56	85 57	85 58	86 57	86 58	88 60	88 65	88 64	89 68	87 72	89 69	90 69	91 68	81 57	91 65	88 67	85 65	85 60	83 64	86.2 63.4		
BIRMINGHAM WB AIRPORT	MAX MIN	80 60	74 56	85 54	87 54	89 56	88 58	90 57	88 59	88 57	88 58	74 58	75 57	82 54	84 51	86 56	87 62	86 62	87 67	88 58	87 60	88 68	88 69	84 63	78 60	85 50	84 55	86 62	86 67	81 63	81 66	83.9 59.1		
BIRMINGHAM WB CITY	MAX MIN	72 60	79 58	73 58	88 63	88 63	91 63	94 63	92 65	87 63	88 65	75 56	77 55	82 58	84 51	86 56	87 66	87 65	90 66	89 64	89 68	88 70	87 68	87 64	85 56	88 54	82 59	87 64	86 64	84 67	83 66	84.9 61.9		
BREWTON 3 MILES SSE	MAX MIN	82 61	85 63	85 60	86 64	87 57	89 58	90 59	91 63	90 61	89 61	84 58	73 53	81 49	83 52	80 54	86 57	89 56	89 62	90 58	90 62	91 71	90 68	93 69	90 60	85 60	91 54	85 57	93 64	89 65	87 66	84.4 60.0		
CENTREVILLE	MAX MIN	75 60	84 58	84 58	88 66	89 63	91 62	94 64	95 63	94 65	90 65	79 61	78 61	83 61	86 63	89 66	90 66	89 66	90 64	90 65	91 65	91 69	90 76	90 75	90 65	90 65	82 65	88 62	91 68	89 68	88 68	83 66	87.8 66.6	
CITRONELLE	MAX MIN	83 69	82 63	86 67	87 68	88 66	89 67	89 65	89 66	87 66	80 66	76 58	80 58	84 59	85 59	85 58	86 62	88 65	88 66	87 63	90 65	87 68	89 72	91 70	90 62	82 57	86 53	91 67	85 67	84 65	86 65	82 62	85.9 63.4	
CLANTON	MAX MIN	73 57	82 61	79 58	85 57	85 55	88 59	91 59	90 62	90 60	88 62	80 57	77 57	80 52	84 55	87 57	88 63	88 60	89 62	88 57	90 63	92 67	90 70	91 70	90 64	90 57	83 51	86 56	90 62	86 65	79 64	83 66	85.9 60.2	
CORDOVA	MAX MIN	79 54	74 54	85 54	80 62	89 60	88 58	86 60	88 58	88 58	78 56	86 58	80 50	86 48	86 53	80 54	89 55	89 58	90 59	89 63	89 64	89 63	89 64	90 63	90 63	86 56	84 53	86 64	86 63	82 59	85 61	80 62	85.4 57.4	
DAYTON	MAX MIN	79 64	85 62	82 56	80 63	82 60	88 61	90 63	90 63	90 62	78 62	75 56	89 55	85 54	86 52	87 58	88 60	88 62	90 64	90 61	90 61	90 68	90 70	90 67	92 58	81 54	87 61	93 65	82 62	80 65	83 62	86.2 61.4		
DECATUR	MAX MIN	70 55	72 60	72 56	81 57	87 58	87 62	88 62	89 63	85 62	85 59	71 53	76 53	81 54	82 55	84 60	88 64	88 65	88 65	87 66	88 67	85 72	88 62	88 63	81 55	78 55	81 59	75 59	83 67	79 65	78 66	81.5 60.7		
DOTHAN CAA AIRPORT	MAX MIN	89 63	82 67	87 65	85 68	90 64	93 65	95 68	92 65	89 64	79 64	80 59	84 54	85 55	88 55	89 60	90 64	88 62	90 62	90 62	91 62	94 65	98 68	90 66	95 66	85 61	85 55	90 59	88 59	85 69	80 68	89.1 63.1		
EUFULA	MAX MIN	80 62	86 61	84 60	89 64	89 60	91 62	93 61	93 62	91 62	85 65	77 51	79 55	85 58	88 58	89 60	89 64	90 62	92 64	92 67	92 68	89 72	89 67	89 63	85 61	85 52	91 61	85 59	86 62	87 65	82 66	87.3 61.6		
EVERGREEN	MAX MIN	86 64	78 63	84 61	87 66	85 58	90 61	90 62	92 62	88 63	83 68	73 61	81 58	85 53	84 54	88 55	91 62	91 63	90 64	90 74	91 66	91 70	92 73	93 70	92 60	95 52	89 60	93 66	89 66	88 66	82 66	87.8 62.4		
FAIRHOPE	MAX MIN	85 57	82 63	87 65	88 67	88 62	90 62	91 65	90 68	89 69	84 65	78 59	82 57	83 56	86 57	86 60	87 63	87 63	88 59	87 63	88 70	88 72	87 71	90 65	84 62	91 55	88 64	91 70	88 66	86 66	85 63	86.7 63.3		
FAYETTE	MAX MIN	74 57	75 60	79 54	89 51	88 53	90 55	91 55	92 60	86 61	72 58	77 49	82 48	84 52	86 52	87 55	89 55	88 58	89 67	88 72	89 59	88 63	89 63	86 54	86 46	87 52	88 60	86 62	79 62	84 65	85.3 57.0			
PORT MORGAN	MAX MIN	78 67	80 65	78 68	83 67	85 68	87 68	88 64	91 65	86 68	84 68	83 63	76 59	81 57	80 62	81 66	86 66	83 66	85 65	84 65	85 72	85 76	86 76	86 77	85 68	85 59	89 65	88 74	86 71	85 69	84 67	84.1 67.3		
PRISCO CITY	MAX MIN	75 64	84 62	84 62	85 67	86 61	89 62	90 63	90 64	87 63	82 62	75 60	81 56	85 54	86 55	88 56	89 57	90 60	90 62	90 64	88 67	89 71	90 70	88 72	89 59	91 55	88 62	91 65	88 67	86 65	86.7 62.2			
GADSDEN	MAX MIN	73 54	80 58	75 50	85 48	88 52	92 49	91 56	91 58	89 58	77 55	76 48	80 49	84 51	85 55	88 58	88 55	90 52	90 56	90 68	90 68	88 61	88 61	86 54	86 48	84 50	88 58	86 60	86 65	77 65	80 65	84.6 55.5		
GENEVA	MAX MIN	83 65	88 63	83 61	89 64	88 58	91 61	94 63	95 61	93 63	85 59	83 58	82 50	82 51	88 58	90 58	92 62	92 68	94 61	96 62	96 66	92 66	91 66	91 66	87 61	87 52	94 61	93 58	89 66	88 67	81 67	89.5 60.8		
GOODWATER	MAX MIN	72 55	81 59	74 56	83 56	88 55	90 61	90 62	89 64	89 62	78 58	75 54	77 50	83 54	84 56	87 62	86 63	86 62	86 57	89 59	89 60	89 68	89 70	90 68	85 58	85 49	88 55	85 63	85 62	78 63	83 65	84.1 59.3		
GREENSBORO	MAX MIN	77 63	83 62	83 57	89 62	86 57	89 61	92 65	90 63	90 62	78 62	77 55	81 54	87 58	88 60	88 65	89 66	89 65	90 63	91 67	91 71	90 66	91 66	90 66	90 54	86 59	86 66	90 61	89 65	79 61	81 65	86.4 61.5		
GREENVILLE	MAX MIN	73 64	84 62	82 62	85 63	85 66	89 65	90 65	91 64	89 64	83 59	73 58	82 55	84 56	87 59	88 61	89 62	91 59	92 63	91 65	90 69	90 65	91 65	89 65	89 55	82 55	85 66	85 65	81 66	84 67	85 62	86.3 62.3		
HALEYVILLE	MAX MIN	66 53	70 53	73 57	84 58	85 62	87 64	86 64	87 63	86 62	84 57	70 52	71 55	76 59	81 62	82 61	84 63	85 64	85 65	85 68	84 65	85 68	85 62	83 64	85 54	84 54	85 54	83 60	80 62	81 62	79 65	80.4 59.9		
HIGHLAND HOME	MAX MIN	83 64	84 60	80 62	84 63	87 60	89 63	90 64	89 65	88 63	81 57	74 57	76 56	83 59	85 60	87 61	88 60	89 62	91 65	92 68	91 69	92 69	83 65	83 61	84 64	88 63	84 64	88 65	81 65	81 65	85 65	85.2 62.7		
HUNTSVILLE	MAX MIN	77 60	75 57	84 52	86 53	89 56	88 60	87 57	85 57	72 59	72 58	78 52	85 50	84 52	87 54	87 60	88 66	88 66	87 59	89 65	87 65	87 67	81 58	76 53	82 53	78 53	82 61	78 61	82 63	81 65	81 66	82.7 58.4		
LA FAYETTE	MAX MIN	82 58	78 58	83 56	84 55	89 56	90 60	90 60	88 62	80 58	76 52	76 52	83 53	84 58	87 58	87 58	85 63	88 63	89 68	86 68	88 67	85 68	85 67	79 62	82 52	85 62	85 61	81 63	80 63	80 65	84.2 59.0			
LIVINGSTON	MAX MIN	83 62	82 62	85 51	83 60	89 58	90 59	89 60	88 64	79 62	76 56	80 54	85 53	86 55	87 56	88 59	88 64	89 60	89 63	89 6														

DAILY TEMPERATURES

ALABAMA
MAY 1949

Table 5-Continued

Station		Day of month																															Average	
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
MONTGOMERY WB CITY	MAX MIN	85 62	80 63	85 62	85 64	89 62	92 68	92 67	92 68	89 67	78 63	76 61	78 59	83 59	87 61	87 63	86 66	87 65	85 66	89 65	89 66	88 68	91 72	88 65	88 65	82 62	84 59	90 64	86 66	81 67	83 66	86 67	85.8 64.5	
MUSCLE SHOALS	MAX MIN	72 60	76 59	83 55	86 59	87 61	92 63	89 62	87 61	85 56	69 52	73 54	78 52	83 56	88 59	83 62	86 65	87 66	86 65	84 62	86 65	85 62	87 66	73 61	77 59	73 53	76 54	81 58	76 60	85 78	80 67	78 64	84 68	82.0 60.4
ONEONTA	MAX MIN	71 55	78 55	75 53	83 52	88 54	88 52	90 55	91 58	92 60	93 55	78 57	80 58	78 49	85 53	88 59	87 60	88 58	90 55	90 58	90 55	91 58	88 64	88 71	88 61	85 61	85 48	77 50	80 53	84 62	88 64	78 65	82 65	84.8 57.3
OZARK	MAX MIN	85 65	82 62	86 63	82 64	90 58	92 66	92 62	93 66	87 66	80 65	79 59	90 59	85 54	86 56	88 59	90 63	90 62	89 62	92 63	93 64	90 68	94 70	93 64	90 61	89 64	86 60	86 56	92 62	86 66	82 67	85 70	87.9 62.8	
PRATTVILLE	MAX MIN	76 60	84 62	81 58	86 59	86 61	90 60	90 61	89 62	79 63	75 60	72 58	85 54	85 52	86 56	87 60	88 58	88 61	88 57	89 60	90 61	90 75	90 68	91 70	91 65	87 65	89 60	82 54	85 55	90 62	86 67	83 61	83 67	85.7 60.4
PUSHMATAHA	MAX MIN	79 67	83 62	83 56	83 58	85 56	82 60	88 61	90 62	90 62	88 56	76 54	76 52	85 54	85 52	85 54	85 56	87 56	89 62	88 59	87 67	89 72	87 72	91 67	90 59	92 60	81 52	90 52	91 60	81 62	81 64	85 65	84 61	85.7 61.0
ROBERTSDALE 7 MILES E	MAX MIN	83 70	83 63	88 63	86 66	87 60	90 61	90 65	92 66	88 67	83 68	76 58	82 57	84 55	84 54	85 56	86 58	84 60	89 63	88 58	88 62	86 69	85 72	88 68	89 70	84 61	89 55	91 63	86 66	85 68	80 66	84 63	85.8 62.9	
ROCK MILLS	MAX MIN	77 54	82 59	76 53	85 51	87 52	93 53	93 58	93 58	92 60	90 57	81 57	77 53	79 49	83 48	87 54	85 56	85 54	88 55	87 57	89 59	89 65	88 69	89 63	88 58	84 48	82 50	84 55	86 65	82 62	83 63	79 65	85.5 56.5	
SAINT BERNARD	MAX MIN	78 51	76 53	73 51	84 51	87 54	89 60	88 59	89 60	90 59	90 56	72 54	72 50	78 49	84 52	83 50	87 54	87 56	89 57	88 59	89 67	87 70	88 59	88 60	84 53	83 48	83 52	79 59	85 62	77 63			83.6 56.1	
SCOTTSBORO	MAX MIN	77 60	76 57	87 57	89 51	92 55	92 52	88 52	90 60	87 57	75 56	77 50	80 50	85 52	86 55	87 60	88 58	90 58	89 57	88 60	88 63	87 70	87 60	83 60	79 62	78 55	82 49	79 52	85 60	80 59	79 64	81 65	84.2 57.3	
SELMA	MAX MIN	78 60	85 62	80 60	85 62	85 60	90 62	89 63	88 65	88 65	78 58	75 59	77 55	82 57	84 58	85 61	86 62	87 63	85 59	87 64	89 69	88 71	89 71	88 65	89 60	88 55	80 60	84 55	87 65	80 67	83 68	81 67	84.4 62.6	
SPRING HILL	MAX MIN	79 71	78 64	80 66	85 67	86 64				90 65	88 69		81 58	83 57			86 57	87 65	87 67	89 61	89 67		90 71	91 74	89 61	85 57	90 67			85 68	82 67	81 63	85.5 64.8	
TALLADEGA	MAX MIN	81 60	74 60	85 56	86 54	89 54	90 56	90 56	88 57	77 60	76 57	77 52	85 50	85 53	87 54	87 60	88 60	88 64	88 57	90 58	89 61	89 71	86 71	87 61	87 56	80 56		84 47	86 62	77 61	81 64	82 66	84.7 58.6	
THOMASVILLE	MAX MIN	76 60	84 61	82 60	84 64	87 61	89 62	88 63	87 66	74 63	80 61	77 57	74 56	80 56	84 59	86 60	87 61	88 61	89 64	90 59	88 60	90 65	88 69	91 69	91 66	91 59	80 53	85 55	91 63	85 66	80 65	85.7 61.5		
TROY	MAX MIN	77 64	85 61	81 62	84 59	85 66	88 63	91 65	91 65	92 65	90 59	83 57	75 55	78 58	84 57	85 58	88 61	87 63	89 65	85 90	90 65	91 66	91 69	89 64	91 60	82 59	86 56	84 90	87 64	78 65	86 67	86.1 62.4		
TUSCALOOSA AIRPORT	MAX MIN	82 62	78 61	88 54	90 57	90 56	92 58	91 63	91 63	88 60	74 56	78 55	80 53	86 54	88 56	89 60	89 58	91 63	91 59	90 68	91 68	89 70	91 65	89 61	86 57	89 50	82 55	87 50	91 55	86 64	81 65	85 67	88 67	86.8 59.9
TUSKEGEE	MAX MIN	81 60	86 63	86 60	85 62	90 59	91 61	91 61	92 62	89 62	81 62	80 62	85 62	86 66	89 54	91 61	89 62	87 56	82 60	90 59	91 62	90 62	91 63	82 68	89 62	90 60	85 61	89 57	87 68	84 62	84 60	87.5 61.4		
UNION SPRINGS	MAX MIN	77 62	85 62	80 61	86 62	86 58	88 62	91 62	91 64	92 63	89 60	82 56	77 54	84 58	85 59	87 64	88 62	89 63	87 64	89 66	89 66	90 68	89 66	89 68	89 65	89 57	89 52	84 58	89 63	85 65	85 66	82 66	85.9 61.6	
UNIVERSITY	MAX MIN	78 61	78 61	88 55	89 57	90 57	93 60	92 59	90 63	74 64	79 58	81 56	86 53	87 56	89 58	90 62	90 61	87 67	90 63	93 64	89 72	91 66	86 63	88 58	82 54	86 50	84 59	84 64	79 66	84 66	86 69	86.8 61.3		
VALLEY HEAD	MAX MIN	72 52	78 55	80 55	84 58	86 60	89 51	89 60	89 63	86 61	86 60	84 54	83 53	84 53	86 56	84 57	84 57	84 64	84 54	88 61	86 60	84 61	84 60	82 61	80 59	76 52	79 51	79 51	82 57	78 61	76 63	83.1 57.3		
WETUMPKA	MAX MIN	77 60	82 62	79 60	87 56	84 57	89 61	94 62	93 63	88 63	81 58	77 53	80 55	84 58	86 61	85 62	86 65	88 62	88 64	89 62	88 71	91 65	87 60	88 54	85 57	86 60	86 54	87 67	90 64	86 67	82 66	83 68	85.7 61.5	

EVAPORATION AND WIND MOVEMENT

Table 6

Station		Day of month																															Total	Deviation from normal
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
AUBURN	EVAP	11	29	17	.29	.28	.29	.30	.29	.22	.33	.32	.10	.23	.30	.26	.25	.33	.31	.29	.31	.37	.26	*	*	.32	.31	.29	.27	.20	.16	.17	7.82	
	WIND	40	52	31	30	18	12	30	18	15	28	39	25	17	17	15	35	47	10	26	37	81	96	32	78	31	33	8	23	21	1.949			
FAIRHOPE	EVAP	05	-	.19	.21	.25	.23	.25	.26	.26	.21	.19	.23	.24	.20	.21	.25	.24	.25	.20	.26	.18	.30	.04	.32	.24	.26	.18	.13	-	.11	1.62		
	WIND	20	37	19	9	38	3	25	38	47	69	46	28	18	24	14	13	21	4	32	12	23	22	25	38	52	30	18	20	8	14	1.430		

STATION INDEX

ALABAMA
MAY 1949

Station	Index No	County	Drainage	Latitude	Longitude	Elevation	Observation time	Observer	Refer to tables	Station	Index No	County	Drainage	Latitude	Longitude	Elevation	Observation time	Observer	Refer to tables	
ABBEVILLE	0008	HENRY	4	31 34 45	85 15			MID J. P. MITCHELL	3 4	LOCK NO 3	4840	CROXTON	13	32 17 88 01	33		7A	U. S. ENGINEERS	3 5	
ADDITION	0063	WINSTON	2	34 13 47	87 10			MID PALMER GOSDY	3 4	LOCK NO 4	4845	TALLADEGA	7	33 38 86 11	510		7A	U. S. ENGINEERS	3 5	
ADDITION CENTRAL TOWER	0117	WINSTON	2	34 13 47	87 10	1500		7A U. S. ENGINEERS	3 4	MACON	4853	TUSCALOOSA	2	33 28 87 20	280		7A	U. S. ENGINEERS	3 5	
ALABAMA STATE FARM	0117	LIMESTONE	12	34 41 86 35	60			ALA. POLY. INST.	3 4	MADISON	4976	MADISON	12	34 42 86 45	873		6P	HARRY F. CARTER	2 3 5	
ALBERTA	0140	WILCOX	1	32 14 87 25	52			BA SIDNEY J. BARRY, SR.	2 3 5	MACELLA	4996	JEFFERSON	3	33 30 86 51	654		8A	ALABAMA POWER CO.	3 4	
ALBRIGHTVILLE 1 MI S	0148	MARSHALL	12	34 14 86 13	61	1114	1P	1P PAT L. COOKINGTON	2 3 5	MARION	5004	MARION	3	32 06 87 39	280		8A	DR. T. GAILLARD	3 4	
ALEXANDER CITY 6 MI NE	0163	TALPOOSA	11	32 58 86 52	660			BA P. E. BLACKBURN	2 3 5	MARION 1 MILE SSE	5108	PERRY	3	32 37 87 18	263		8A	O. MYRON HOLIFIELD	3 4	
ALICEVILLE	0178	DICKENS	13	32 08 86 10				7A ROSIE PHILLIPS	2 3 5	MARION JUNCTION	5116	DALLAS	3	32 26 87 14	204		8A	MRS. MARGARET SMITH	3 4	
ANDALUSIA	0202	COVINGTON	6	31 19 86 35		346	8A	BA W. N. GARRETT	2 3 5	MARTIN	5140	TALLADEGA	11	32 40 85 55	340		8A	ALABAMA POWER CO.	3 4	
ANNISTON	0267	CALHOUN	7	33 40 85 50		724	6P	6P U. S. WEATHER BUREAU	CLOSED 4/16/49	MAXWELL FIELD	5202	COVINGTON	1	32 25 86 25	165		MID	U. S. ARMY AIR FORCES	2 3 5	
ANNISTON WB AIRPORT	0272	CALHOUN	7	33 40 85 51				MID U. S. WEATHER BUREAU	2 3 4 5	MELVIN	5354	CROXTON	13	31 56 86 27			7A	JOHN R. LAND	3 4	
ARLEY	0338	WINSTON	2	34 04 87 13				7A MRS. LESSIE HILLER	3 4	MERTZ 3 MILES E	5362	BIBB	3	32 53 87 20	600		8A	USPS	3 4	
ASHLAND	0359	CLAY	11	33 16 85 50				MID BERRY L. MC GUEEN	3 4	MIDWAY	5397	BULLOCK	4	32 04 85 32			MID	MATTHEW W. HALL	3 4	
ASHVILLE	0377	CL. CLAIR	7	33 09 86 16		880		BA NORMAN R. PRUITT	3 4	MILKENS FERRY	5417	WILCOX	1	32 06 87 22	78		8A	NORMAN D. WILLIAMS	3 4	
ATHENS	0380	LIMESTONE	12	34 48 86 59		709		7A TYA-62	3 4	MILLY	5427	WASHINGTON	13	31 38 88 19	362		6P	MARDIS M. BLOUNT	CLOSED 4/27/49	
ATMORE STATE FARM	0402	ESCAMBIA	3	31 10 87 29		732	8P	6P ATMORE STATE FARM	2 3 4 5	MILSTAD	5439	WILCOX	12	32 27 85 14	206		8A	A. C. CARL	3 4	
AUBURN	0422	ES	11	33 16 85 30				BA MRS. MARTHA L. MOORE	2 3 4 5	MILSTAD DAM	5463	CHILTON	3	32 48 87 36	350		8A	ALABAMA POWER CO.	3 4	
AUBURN SCS 10	0427	ES	11	33 16 85 29				MID SCS	3 4	MOBILE WB AIRPORT	5478	MOBILE	9	30 41 88 12			MID	U. S. WEATHER BUREAU	2 3 4 5	
AUTOGAUGA	0440	ATLANTA	1	32 26 86 59				BA J. B. NEIGHBORS	3 4	MOBILE WB CITY	5483	MOBILE	9	30 48 88 02			MID	U. S. WEATHER BUREAU	2 3 4 5	
BARTON	0546	COLBERT	12	34 43 87 52		463		7A TYA-62	3 4	MONTE SANO	5529	MADISON	12	34 45 86 31	1650		7A	TYA-530		
BAY MINETTE	0583	WALDEN	9	30 53 87 47		268	7P	7P GROVER W. WOODWARD	3 5	MONTVALLO	5537	SHELLEY	3	33 06 86 53			8A	W. P. JETER	3 4	
BEATRICZ	0616	MONROE	1	31 44 87 13				7A W. P. DENN	3 4	MONTGOMERY WB AIRPORT	5550	MONTGOMERY	1	32 18 86 23	192		MID	U. S. WEATHER BUREAU	2 3 4 5	
BERGEN	0631	FRANKLIN	12	34 28 87 52		910		MID TYA-43	3 4	MONTGOMERY WB CITY	5555	MONTGOMERY	1	32 23 86 18	201		MID	U. S. WEATHER BUREAU	2 3 4 5	
BERNARD	0748	PAYETTE	7	33 40 87 36				MID MISS CLARA R. OLIVE	3 4	MOUNTAIN	5617	JEFFERSON	3	32 07 87 17	600		8A	TYA-361	3 4	
BEAR 2 MILES SE	0740	MADISON	12	34 12 86 09				MID WM. B. WHITEHEAD	3 4	MUSCLE SHOALS	5749	COLBERT	12	34 44 87 36	540		MID	MID CAA	2 3 5	
BELLINGHAM	0823	ATLANTA	1	32 40 86 43				7A LEONARD C. WELDON	3 4	NEW BRACKTON	5842	COFFEY	5	31 23 85 56			MID	E. EARL BOVETT	3 4	
BIRMINGHAM WB AIRPORT	0831	JEFFERSON	3	32 34 86 45		610	MID	U. S. WEATHER BUREAU	2 3 4 5	NEWTON	5847	FRANKLIN	12	34 29 87 35	600		8A	TYA-644	3 4	
BIRMINGHAM WB CITY	0836	JEFFERSON	3	32 34 86 45		610	MID	BA MRS. CARRIE B. HORTON	2 3 5	NEWTON	5862	MADISON	12	34 54 86 26	725		7A	TYA-624	3 4	
BISHOP	0854	COLBERT	12	34 39 88 05		470		7A TYA-42	3 4	NEWTON	5875	DALLAS	5	31 20 85 37	216		10A	PURN WYNN	3 4	
BOAZ	0957	MARSHALL	2	34 13 86 10				7A WILFORD H. DOOLEY	3 4	OWEN	6121	BLOUNT	2	32 37 86 30	857		7A	LA L. SELLERS	2 3 5	
BRANTLEY	1069	CRESHAM	6	31 39 86 16		284		BA R. E. HENDERSON	2 3 5	ORVILLE	6161	DALLAS	1	32 18 87 14	200		8A	EDWARD B. WARREN	2 3 5	
BRIDGEMONT 3 MILES SE	1099	JACKSON	10	33 58 85 44		68	6A	BA MRS. CLARA T. PEAY	2 3 5	PAINT ROCK	6236	JACKSON	12	34 40 86 20	610		5P	8A	TYA-69	3 4
BRIDGEMONT 2 MILES W	1178	PIKE	5	31 43 85 49		515		5P MISS M. LOUISE JONES	2 3 5	PALMADALE	6246	JEFFERSON	3	33 44 86 39			8A	ROBERT P. STORES	3 4	
BUNDEIDGE	1288	SHELLEY	3	33 06 86 45				BA GBO. L. RICKS	3 4	PALMADALE	6246	JEFFERSON	3	33 44 86 39			8A	MRS. GENTRUD GREEN	3 4	
CALZA	1315	CLARK	13	31 55 87 24				MID E. DOUGLAS REID	3 4	PATERNAL	6302	DESBRY	1	32 37 87 08			MID	MRS. MITA DONALD	3 4	
CAMPBELL	1377	WALKER	2	33 54 87 32		430		7A MISS MARY C. RAY	3 4	PICKENSVILLE	6414	PICKENS	13	33 18 86 16			7A	MRS. DORA I. CLAY	3 4	
CARBON HILL	1402	MORGAN	12	34 26 86 59		600		7A S. DEPT. INTERIOR	2 3 5	PINE HILL	6468	MONTGOMERY	6	32 04 86 04			7A	C. W. ADAMS	3 4	
CENTER GROVE	1497	LAUDERDALE	12	34 49 87 25		630		7A TYA-521	CLOSED 4/1/49	PINE LEVEL	6508	DALLAS	1	32 39 86 56			8A	O. B. BARNES	3 4	
CENTER STAR	1520	BIBB	3	32 57 87 08		230		BA W. D. HOLLIFIELD	2 3 5	PLANTERSVILLE	6508	DALLAS	1	32 39 86 56			8A	O. B. BARNES	3 4	
CENTREVILLE	1615	TALLADEGA	7	33 17 86 21		540		BA ALABAMA POWER CO.	3 4	PLEASANT HILL	6526	DALLAS	1	32 09 86 58			MID	CHARLES M. HENRY	3 4	
CHILDERSBURG	1685	MOBILE	4	31 05 88 14		331		6P B. O. JONES	2 3 5	PRATTVILLE	6540	ATLANTA	1	32 28 86 28	281		8A	CONTINENTAL GIN CO.	2 3 5	
CHILTON	1694	CHILTON	3	32 55 86 38		590	7A	7A RICH E. SANDSON	2 3 5	PUSHMATAHA	6540	ATLANTA	1	32 28 86 28	281		8A	MRS. JAMIE C. BROWN	2 3 5	
CITATION	1725	MADISON	5	31 53 85 27		590		7A CARL J. ROEBUCK	2 3 5	RED BAY	6540	ATLANTA	1	32 28 86 28	281		8A	TYA-493	3 4	
COFFEY SPRINGS	1807	KENEVA	5	31 10 85 55		255		9A C. B. ADKISON	2 3 5	RED BAY	6540	ATLANTA	1	32 28 86 28	281		8A	TYA-493	3 4	
COLLINSVILLE	1848	DE KALB	14	32 21 87 39		734		BA R. C. CUMMINGS	2 3 5	RED BAY	6540	ATLANTA	1	32 28 86 28	281		8A	TYA-493	3 4	
COLUMBIA	1865	HOLLYWOOD	5	31 18 85 06		130		BA COY THOMPSON	2 3 5	RIVER FALLS	6540	ATLANTA	1	32 28 86 28	281		8A	JOHN R. BRADLEY	3 4	
CORDOVA	1940	WALKER	2	33 54 87 32		334	6P	BA MRS. C. GRESHAM	2 3 5	RIVER FALLS 2 MILES SE	6540	ATLANTA	1	32 28 86 28	281		8A	ALABAMA ELECTRIC CO.	3 4	
CUBA	2075	BUTLER	13	32 26 86 23		215		7A RICHARD P. BARRIS	2 3 5	ROBERTSDALE 2 MILES E	6540	ATLANTA	1	32 28 86 28	281		8A	TYA-493	3 4	
DADEVILLE	2114	TALPOOSA	11	32 50 85 45		760		BA DR. W. B. FULTON	2 3 5	ROCK WILLS	7025	RANDOLPH	4	33 09 85 18	745		6P	BA JAMES B. BAILEY	2 3 5	
DADEVILLE NO 2	2124	TALPOOSA	11	32 50 85 45				MID JAY D. LANE	3 4	SAINT BERNARD	7157	CULMAN	2	34 12 86 47	802		7A	FR. FREDERICK SMITH	2 3 5	
DANCY	2141	PICKENS	13	33 01 88 17		207		7P E. F. SMITH	3 4	SAND MT. STATE FARM AP	7207	DE KALB	12	34 17 85 58	1195		6P	ALA. POLY. INSTITUTE	3 4	
DANVILLE	2148	MORGAN	12	34 25 87 04		595		7A TYA-34	3 4	SAYRE	7282	JEFFERSON	3	33 43 86 38	304		7A	DORA R. WEBSTER	3 4	
DARTON	2184	NARENG	13	32 21 87 39		734		7A JAMES M. CREWS	2 3 5	SCOTTSBORO	7304	JACKSON	12	34 41 86 02	660		7P	MRS. ELMER BOBO	2 3 5	
DECATUR	2207	MORGAN	12	34 37 86 58		573	8A	BA MRS. FREDA TREMBLE	2 3 5	SCOTTSBORO SUBSTATION	7310	JACKSON	12	34 41 86 02	660		7A	TYA-76A	3 4	
DECATUR SUBSTATION	2216	MORGAN	12	34 37 86 58		573		6A TYA-CB 1	2 3 5	SHALE 7 MILES WNW	7338	RUSSELL	4	32 18 85 17	358		7A	B. C. HUGH	3 4	
DECATUR SUBSTATION	2240	MORGAN	12	34 37 86 58		573		6A TYA-411	2 3 5	SHEPHERD TVA RESV	7415	COLBERT	12	34 46 87 42	505		7A	TYA-49	3 4	
DEMOBILIS	2240	MORGAN	12	34 37 86 58		573		7A J. A. ROBERTSON	2 3 5	SHEPHERD SPRINGS	7415	COLBERT	12	34 46 87 42	505		7A	TYA-49	3 4	
DETHAN CAA AIRPORT	2272	POLK	10	31 25 86 04		204	MID	BA DOZIER B. ROBERTS	2 3 4 5	SILVERDALE	7576	GENEVA	5	31 06 85 35			6A	PATRICK H. SMITH	3 4	
DIBOND	2681	TUSCALOOSA	13	33 15 87 48				BA E. V. BERRY	2 3 5	SMITHSONIA	7598	LAUDERDALE	12	34 46 87 51	500		7A	TYA-583	CLOSED 4/1 49	
DUFALA	2727	BARDOL	4	31 53 85 88		254	8A	BA HARRY E. GAUGANS	2 3 5	SNOW HILL	7620	WILCOX	1	32 00 87 01	225		7A	MRS. E. V. RAY	3 4	
EUPATIA	2742	GREENE	2	32 47 87 50				BA E. B. HOLBROOK	2 3 5	SOUTH HILL	7671	DE KALB	12	34 24 86 02	990		7A	TYA-75	3 4	
EVERGREEN	2814	WALDEN	9	30 53 87 47		340	8A	BA MRS. LESSIE D. GOSLOW	2 3 5	SPRING HILL	7733	MOBILE	9	30 42 88 10	175		9A	BA E. L. TIPPINS	2 3 5	
FALLOPE	2814	WALDEN	9	30 53 87 47		340		MID SP. HAROLD P. YATES	2 3 5 6	SWAIN	7968	JACKSON	12	34 53 86 13	665		7A	TYA-385	3 4	
FALLOPE	2840	WALDEN	9	30 53 87 47		340		7A TYA-384	2 3 5	SYLAUGA	7994	TALLADEGA	7	33 10 86 13	548		8A	ALABAMA POWER CO.	3 4	
FALLS CITY 6 MILES NW	2840	WALDEN	9	30 53 87 47		340		7A USPS	2 3 5	SYLAUGA	8012	DE KALB	12	34 24 85 49	1400		7A	TYA-386	3 4	
FARLEY	2867	MADISON	12	34 36 86 34		670		BA TYA-57	3 4	TALLADEGA	8024	TALLADEGA	7	33 26 86 06	554		6P	C. D. WEAVER	2 3 5	
FAYETTE	2883	FAYETTE	13	33 41 86 30		359	8A	BA W. M. RILEY	2 3 4 5	TALLADEGA HORN MT. TOWER	8032	TALLADEGA	7	33 18 86 04	1919		9A	USPS	3 4	
FLAT ROCK	2945	JACKSON	12	34 46 87 41		1380		7A TYA-387	2 3 5	TOMBASVILLE	8178	CLARK	13	31 55 86 44	385		7P	MRS. MINNIE DEATON		

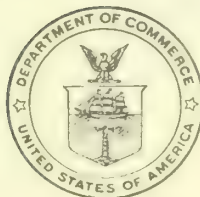
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WEATHER BUREAU
F. W. REICHELDERFER, Chief

CLIMATOLOGICAL DATA

ALABAMA

JUNE 1949

Volume LV No. 6



A. R. Long, Section Director - Montgomery

General Summary

June was generally warm and wet, with at least six fronts crossing the State, notably on the 1st, 10th, 16th, 23d, and 25th. Maritime tropical air was predominant over Alabama during the greater portion of the month.

Temperatures were only slightly below normal during June, with no extremes being reported anywhere in the State. Normally 100° temperatures are recorded in June at least four out of every five years, but the highest in 1949 was only 98°, which occurred at Valley Head on the 30th. Lowest temperature for the month was 54°, occurring at Gadsden and Rock Mills on the 4th and at Valley Head on the 6th.

Average precipitation for the State was 5.76 inches, or 1.49 inches above normal. The greatest monthly amount was 12.99 inches at Robertsedale and the least 0.81 inches at La Fayette. Rain was recorded over most of the State on an average of 12 days, with several stations reporting measurable amounts on 15 days.

By the middle of the month soil moisture ranged from ample to excessive. During the first decade, wet fields delayed corn planting and hindered cultivation in the northern portion of the State. During the third decade crop cultivation was lagging in all areas, due to wet weather, and fields were becoming grassy. Cotton was blooming in South Alabama by the middle of the month. At the end of the month, however, the corn crop had benefited from the frequent rains and prospects were good. Peanuts were good and pastures were generally excellent, furnishing abundant grazing.

WIND

A local thundersquall occurred in the Montgomery area on the 7th, between 4:00 p.m. and 4:45 p.m. The accompanying high winds destroyed a hangar at Norman Bridge Airport, and slightly damaged several small airplanes. Damage, estimated at \$4220.00, was confined to a small area with some timber and roof sections being blown from 200 to 500 feet.

ARL

ACKNOWLEDGMENTS

In addition to the climatological data from some 6,000 Weather Bureau and cooperative weather stations, this bulletin series contains records from Hydroclimatic Network Stations which were formerly reproduced in the Hydrologic Bulletin Series. The Hydroclimatic Network is a nationwide net of rain gages--mostly of the recording type which produce continuous records of precipitation. It was established in 1939 at the request of the Corps of Engineers, Department of the Army, to supplement existing precipitation stations in order to provide records of rainfall intensity which were essential to the planning of flood control and related works by the Corps of Engineers. This Network, now numbering about 2,000 recording, and 1,000 non-recording rain gages, has been maintained by the Weather Bureau through working funds transferred annually to the Weather Bureau by the Corps of Engineers. These transfers averaged about \$250,000 per year between 1940 and 1944, and nearly \$375,000 since that date. For the years 1940-42, the Department of Agriculture transferred about \$100,000 per year to provide data required in its work, and since 1947 the Bureau of Reclamation has transferred about \$25,000 per year to meet the increasing needs of their program in the Western States.

Previous to the introduction of this bulletin series, data from Hydroclimatic Network stations were presented in bulletins (Hydrologic Bulletins) which were issued monthly for each of 8 drainage areas embracing the entire United States, but since the Network was established to meet the internal requirements of the Federal agencies referred to above, no provision was made for public dissemination of the data, distribution being limited to cooperating agencies and to certain public repositories. A list of locations where reference copies of the Hydrologic Bulletin Series are available for inspection may be obtained upon application to Chief, U.S. Weather Bureau, Washington 25, D.C.

Many other records published in this bulletin have been made available through the cooperation of various public offices, private agencies, and individuals as listed in the Station Index.

PRESSURE, WIND, HUMIDITY, SUNSHINE, DEGREE DAYS

ALABAMA
JUNE, 1949

Station	Sea level pressure extremes— <i>inches</i>				Wind speed— <i>m p h</i>				Relative humidity averages— <i>percent</i>				Sunshine	
	Highest	Date	Lowest	Date	Average	Maximum	Direction of maximum	Date of maximum	130 a. E. S. T.	730 a. E. S. T.	130 p. E. S. T.	730 p. E. S. T.	Percent of possible	Degree days 65° base
ANNISTON WB AIRPORT	30.27	10	29.80	15	4.5	-	-	-	93	92	61	82	-	0
BIRMINGHAM WB AIRPORT	30.25	10	29.79	15	7.0	32	NE	5	90	88	61	68	48	0
MOBILE WB CITY	30.16	28	29.78	15	9.8	32	SW	30	88†	86†	63†	72†	61	0
MONTGOMERY WB CITY	30.23†	10	29.78†	23	6.1	25	SW	12	88†	88†	58†	69†	61	0
† AIRPORT DATA														

COMPARATIVE DATA

Table 1

Year	Temperature			Precipitation		Year	Temperature			Precipitation		Year	Temperature			Precipitation	
	Average	Highest	Lowest	Average	No. of days 0.1 or more		Average	Highest	Lowest	Average	No. of days 0.1 or more		Average	Highest	Lowest	Average	No. of days 0.1 or more
1884	75.2	100	45	7.04	15	1909	78.1	100	53	7.85	14	1934	80.1	105	52	4.79	10
1885	79.1	98	54	3.73	9	1910	75.6	99	43	6.98	12	1935	77.2	100	46	3.70	8
1886	76.8	97	52	8.35	17	1911	80.6	105	48	3.86	9	1936	81.1	107	45	1.91	4
1887	78.1	102	48	3.80	8	1912	75.1	100	48	5.11	10	1937	80.2	103	51	3.66	9
1888	77.3	98	48	5.57	8	1913	77.6	107	40	3.54	8	1938	77.5	98	50	4.55	10
1889	76.0	101	36	4.74	10	1914	83.1	109	51	2.66	6	1939	79.1	103	57	6.30	14
1890	79.4	103	50	3.28	8	1915	78.8	104	46	3.67	8	1940	77.3	99	49	6.43	12
1891	79.6	104	41	5.14	9	1916	77.5	100	50	3.35	8	1941	78.8	101	47	4.24	10
1892	78.2	105	56	4.76	11	1917	77.7	104	42	3.21	7	1942	78.7	101	50	5.72	11
1893	77.4	101	50	4.95	10	1918	79.7	107	50	4.22	8	1943	81.8	101	58	3.50	8
1894	77.7	102	39	2.23	6	1919	78.5	100	56	4.17	9	1944	81.1	104	48	2.80	7
1895	78.3	100	50	5.60	10	1920	77.0	101	50	4.50	7	1945	79.2	101	46	3.45	8
1896	77.2	100	48	5.39	11	1921	81.0	103	56	1.83	5	1946	76.6	99	41	5.52	8
1897	81.1	105	44	1.83	6	1922	78.7	102	50	3.64	9	1947	77.4	98	41	4.70	9
1898	80.5	103	55	3.62	8	1923	77.1	98	45	3.99	10	1948	79.5	102	50	3.58	7
1899	79.9	105	49	2.83	6	1924	79.5	102	49	5.35	11	1949	77.9	98	54	5.76	
1900	76.5	98	58	11.04	18	1925	81.1	104	55	2.25	6	Period	78.2	109	36	4.27	
1901	78.6	103	48	2.79	8	1926	77.6	101	40	4.92	9						
1902	81.0	106	47	1.22	4	1927	78.2	102	55	5.28	13						
1903	73.5	99	42	4.92	10	1928	76.0	99	50	10.16	13						
1904	78.1	103	47	2.85	7	1929	77.1	99	46	5.23	10						
1905	79.3	102	49	4.36	10	1930	77.4	108	41	1.95	5						
1906	79.2	101	52	3.41	8	1931	79.9	109	44	1.50	4						
1907	75.8	100	41	2.86	8	1932	79.1	102	55	5.01	11						
1908	77.7	102	49	2.74	7	1933	78.5	109	45	3.04	7						

See reference notes following Station Index

CLIMATOLOGICAL DATA

ALABAMA
JUNE 1949

Table 2

Station	Temperature								Precipitation									
	Average	Departure from normal	Highest	Date	Lowest	Date	No. of days		Total	Departure from normal	Greatest day	Date	Snow, Sleet, Hail			No. of days		
							Max. 90° or above	Min. 32° or below					Total	Max depth on ground	Date	01 or more	25 or more	100 or more
NORTHERN DIVISION																		
ANNISTON WB AIRPORT	76.4	- 0.2	92	8+	57	4	11		4.79	0.67	1.33	20				14	5	1
BIRMINGHAM WB AIRPORT	77.2	0.4	93	23+	61	2	10		2.84	- 1.62	0.73	24				15	4	
BIRMINGHAM WB CITY	78.5	0.6	95	8+	63	1+	14		5.02	0.56	1.63	15				15	5	2
CORDOVA	78.7	1.8	95	30	60	1	13		5.76	1.64	1.65	20				8	6	2
DECATUR	78.0	0.1	93	8	62	17	13		8.84	5.05	2.23	15				14	9	3
FAYETTE	77.6M	-	93	5+	57	3	12		6.68	2.20	2.50	15				10	7	2
GADSDEN	76.6	- 0.8	94	24	54	4	13		6.34	2.17	1.90	1				13	6	3
GOODWATER	76.2	- 1.6	91	7+	58	18	7		5.43	1.11	1.32	30				15	6	1
HALEYVILLE	76.0	-	91	9+	60	17	2		6.91	-	3.12	21				14	6	1
HUNTSVILLE	76.6	-	93	23	60	2	8		7.62	3.31	3.25	15				16	6	3
LOCK NO 4	77.0	- 0.7	93	8+	59	2+	10		3.17	- 0.90	0.92	15				11	4	
MADISON	76.2	- 0.8	95	22+	58	1	12		9.18	4.92	4.52	15				15	10	1
MUSCLE SHOALS	77.4	0.3	95	28	61	17	9		6.26	1.79	1.88	15				14	6	1
ONEONTA	76.8	1.4	94	24	58	2	16		4.31	- 0.08	1.60	16				8	6	1
ROCK MILLS	77.1	-	95	6+	54	4	17		2.51	- 1.82	0.66	28				11	4	
SAINT BERNARD	75.9M	0.2	93	24	58	2	6		6.68	2.41	1.80	15				12	8	2
SCOTTSBORO	77.2	1.8	94	23	59	1	10		6.67	2.25	1.28	15				13	7	2
TALLADEGA	76.8	- 1.4	93	8+	59	2+	9		3.34	- 1.24	0.93	24				13	5	
TUSCALOOSA AIRPORT	79.2	- 0.1	97	30	60	3+	19		5.00	0.93	0.92	15				15	8	
UNIVERSITY	79.1	- 0.2	96	30	62	3	12		6.25	2.18	2.03	24				14	7	2
VALLEY HEAD	74.7	- 0.1	92	23	54	6	4		3.22	- 1.07	0.96	28				10	6	
DIVISION	77.1								5.56									
MIDDLE DIVISION																		
ALEXANDER CITY 6 MILES NE	76.5	-	93	28	55	4	11		4.59	-	1.50	29				14	4	1
AUBURN	76.2	- 1.7	93	8+	58	4	9		2.70	- 1.36	0.67	13				13	4	
CENTREVILLE	-	-	96	27			11		3.41	- 0.85	0.75	22				11	5	
CLANTON	79.1	1.0	94	8+	59	2	9		6.42	2.33	2.61	22				13	9	1
DATTON	79.4	-	94	7+	61	3	17		5.51	-	1.92	10				10	6	2
EUFULA	78.7M	- 0.5	93	5+	55	4	13		4.61	0.39	0.97	10				13	9	
GREENSBORO	79.9M	- 1.0	98	30			14		2.93	- 0.74	1.61	11				11	3	1
GREENVILLE	78.7	- 1.0	95	8	61	2+	13		5.42	1.23	1.41	11				16	7	1
HIGHLAND HOME	77.2	- 1.5	92	7+	63	2+	8		-	-	-							
LA FAYETTE	76.9	-	95	28+	57	4	15		0.81	-	0.34	11				7	1	
LIVINGSTON	79.0	0.0	94	27+	60	3	13		5.76	1.36	2.20	8				12	7	1
MAXWELL FIELD	79.6	-	94	7+	63	2	13		11.97	-	3.50	22				12	8	5
MONTGOMERY WB AIRPORT	78.7	-	96	30	60	2	13		7.64	-	2.34	22				15	9	2
MONTGOMERY WB CITY	79.1	- 0.5	94	7+	65	2+	13		9.10	5.30	2.43	22				14	6	4
PRATTVILLE	78.0	- 0.2	93	7+	60	3+	10		8.34	4.51	3.44	22				10	6	3
PUSHMATAHA	77.9	- 0.8	95	30	58	3	13		3.31	- 1.47	1.15	13				11	3	1
SELMA	78.8	- 1.0	95	29	62	2	9		4.41	0.72	1.17	9				13	6	1
THOMASVILLE	78.8	- 0.7	95	29	61	3	12		2.75	- 1.53	1.22	11				9	4	1
TROY	77.0M	- 2.6	93	30	61	4	10		5.87	2.15	1.36	13				9	8	2
TUSKEGEE	77.8M	- 1.2							-	-	-							
UNION SPRINGS	77.1	- 2.6	94	29	59	4	13		5.84	1.70	1.70	11				15	6	1
DIVISION	78.2								5.34									
SOUTHERN DIVISION																		
ANDALUSIA	78.5	-	94	6+	61	4	12		4.96	-	1.65	13				9	6	2
ATMORE STATE FARM	80.1	-	96	7+	63	4	19		11.81	-	2.61	13				10	9	6
BAY MINETTE	78.8	- 0.8	95	29	61	5	13		6.68	1.28	1.54	21				12	7	3
BREWTON 3 MILES SSE	78.6	- 0.2	96	29	59	1+	19		6.69	1.39	1.64	10				10	9	1
CITRONELLE	79.1	- 0.6	95	29	66	3	9		4.47	- 0.91	1.22	11				9	4	2
DOTHAN CAA AIRPORT	79.3	-	96	6+	59	4	18		5.59	0.96	3.78	22				12	4	1
EVERGREEN	78.4M	- 0.6	95	8+	60	3+	13		4.35	0.02	1.87	12				10	3	2
FAIRHOPE	79.5	0.2	94	29	62	3	18		8.11	1.80	3.37	24				13	8	2
FORT MORGAN	80.2	-	95	29	61	3	7		5.65	-	2.37	24				10	5	2
FRISCO CITY	79.1	-	95	29+	62	3+	16		5.97	1.38	1.56	8				14	7	2
GENEVA	78.7	-	97	6	58	2	19		5.96	1.50	1.15	27				15	8	1
LOCKHART	78.1	-	94	29	58	4	14		8.39	-	2.20	11				12	9	4
MOBILE WB AIRPORT	79.7	-	96	29	65	3	12		6.08	-	2.21	24				15	8	1
MOBILE WB CITY	80.9	0.6	97	29	66	3	13		9.85	4.42	2.46	24				14	8	3
OZARK	78.0	- 1.6	95	7+	60	4	13		8.49	3.91	2.39	26				14	6	3
ROBERTSDALE 7 MILES E	78.6	-	94	7+	60	3	10		12.99	6.82	2.29	21				15	11	5
SPRING HILL	80.0M	- 0.4	96	30	64	3	11		4.92	- 1.42	1.50	11				10	7	2
DIVISION	79.2								7.12									
STATE	77.9	- 0.3							5.76	1.49								
DELAYED DATA																		
DECEMBER 1948																		
ANNISTON WB AIRPORT	47.6	2.4	71	13+	20	26	11		4.75	- .31	1.00	25				12	7	1
MUSCLE SHOALS	46.4	3.4	74	15	18	26	10		4.49	- .65	1.18	15				8	7	1
JANUARY 1949																		
MAXWELL FIELD	56.7		78	10	28	1	3		3.58		1.37	4				9	3	1
FORT MORGAN	30.3		79	12	35	30+			1.42							8		1
APRIL 1949																		
EVERGREEN	64.2	- 1.5			34	19												
MAY 1949																		
ALBERTVILLE 1 MILE S									4.75	.54	1.30	30				7	5	3

See reference notes following Station Index.

41 AFAMA

Station

See reference notes following Station Index

ALABAMA
JUNE 1949

Station		Day of month																															Total
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
WILLERS FERRY						.14						.97	.66	.18												.48					1.27	3.70	
WILSTEAD						.51				.17	T	.51	.85	1.00		.44	.77					.23	.18	.08		.48						5.09	
WITCHELL DAM										.05	1.08	.05	.08		.04	.02						.39	.11	.04		.04						5.39	
MOBILE WB AIRPORT							.36		.40	.58	.23	.25	.05	.08		.62	.07		.06	.08	T	.34	.37	.07	.62	2.21			.04			9.06	
MOBILE WB CITY		Z					.01	.48	.37	.83	.18	.08				.72				.08	.03	1.93	.35		2.46			.02			2.30	9.85	
MONTE SANO						1.48						.48	.13	.50	2.35	1.65			.10		.88	.55	.42			.20	.30			1.00	.80	9.96	
MONTEVALLO										1.45	.47	.25	.55			1.55					.88	.40	.48	2.34	.01	.58	T	.02		.72		5.62	
MONTGOMERY WB APT					T		.29		.02	.88	1.25	.78	T	.01	.34						.34	.10	.08	2.34	.01	.58	T	.02		.07		7.64	
MONTGOMERY WB CITY		Z			T				T	1.31	.17	.20	.01	.01	1.82				.28	.21	.46	.09	2.43	1.12	.83	T			.07	.10	9.10		
MOULTON		R				.02	T	.10	.10						2.96					.26	.21	1.42		.52		.14	.12		1.10	.11	.21	7.78	
MUSCLE SHOALS						.18					.05	.17	.01	T	.70	1.88	T		.94	.96	.10	.60				.04	.12	T	.33		.16	6.00	
NEW BROCKTON																																5.95	
NEWBURG						.43	T		1.17	.07	.13				.29	2.25			.19	.16	.43	.40					.20	.23		.66		10.56	
NEW MARKET															4.20	2.40			.03		.51	.04	1.33	.22	.11	.22	.13					4.79	
NEWTON									.42	1.87	.49													1.33	.22	.11	.22	.13					5.95
ONEONTA						.80																				.15		.38	.35	.17		4.31	
OREVILLE												1.02	.53	.10		.58	1.60															2.17	
OZARK								.40	.98	1.23	.10				.14						.52	.28	.24	1.95	.22	.01	2.39	.10	.23			8.49	
PAINT ROCK		R									.43	.03	.02		.02	4.31					.32	.41		.12	.12	1.25		1.22		.24		8.37	
PALMERDALE		T								.25						.95										1.37	1.43	.20				4.42	
PERRYVILLE																																5.08	
PETERMAN		R				1.20					</																						

DECEMBER 1948																													
ANNISTON WB AIRPORT																													
MUSCLE SHOALS																													
JANUARY 1949																													
FORT MORGAN																													
HARRISBURG 6 MI SE																													
MAXWELL FIELD																													
PALMERDALE																													
FEBRUARY 1949																													
ASHLAND																													
NEW BROCKTON																													
MARCH 1949																													
FALLS CITY 6 MI NW																													
MONTTEVALLO																													
APRIL 1949																													
EVERGREEN																													
FLORENCE AT LOCK																													
HARRISBURG 6 MI SE																													
MENTZ 3 MILES E																													
MIDWAY																													
MONTTEVALLO																													
MAY 1949																													
ALBERTVILLE 1 MI S																													
ASHLAND																													
FLORENCE AT LOCK																													
HARRISBURG 6 MI SE																													
TALLADEGA HRN MT TR																													

ALABAMA
JUNE 1949

Table 4

[illegible]

See reference notes following Station Index.

Table 4-Continued

HOURLY PRECIPITATION

ALABAMA
JUNE 1949

Station	A. M. Hour ending												P. M. Hour ending												Total
	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	
PETERMAN								.04	.01	.01			.09	.03			.01	.34	.03	.01	.01				.58
PLEASANT HILL								.06	.06	.01			.01	.97	.08	.24	.07								1.44
RIVER FALLS 2 MILES NE											.06	.15	.04	.01			.03	.17	.10						.56
THORSBY 1 MILE SW											.41	.03	.06	.01	.01		.03	.17	.10						.52
TROY			.03	.05	.02	.01	.02	.06	.06	.11	.03	.01	.30	*	*	*	*	*	.03			.03	.01		.44
TUSCALOOSA AIRPORT 6				.05	.01		.04	*	*	*	.04	.03					*	*	*						.18
UNIVERSITY															.22	.13					.01				.35
VERNON																									
-11th-																									
ABBEVILLE				.01	.01	.01	.02																		.05
ADDISON																									
ASHLAND //																			.07						.07
ATMORE STATE FARM												1.10	.01												1.11
AUBURN SCS 10							.10	.08	.12																.30
BELGREEN																	.14								.14
BERRY														.01	.02										.03
BEXAR 2 MILES SE												.01							.02						.03
BIRMINGHAM WB AIRPORT												.01		.02	.06			.01							.04
BOAZ																									.06
DADEVILLE NO 2									.01	.02															.03
DOOTHAN CAA AIRPORT				.01	.03	.01	.01	.07																	.05
EUTAW LOCK NO 7						.01	.03	.01	.07																.08
FLAT ROCK															.01	.20	.10								.31
FORT MORGAN //									.01			.02	.16	.01											.20
FORT PAYNE																				.13	.02				.15
GARDEN CITY									.01	.01	.01														.03
GUNTERSVILLE REC																		1.29							1.29
HALEYVILLE									*	*	.01	.01	.03		.08	*	*	*	.02	.01	.01	*	*	*	.09
HUNTSVILLE 6									*	*	*	.03	.01	*	*	*	*	*	.05	*	*	*	*	*	.07
LAY DAM									.03	.03	.01														.87
LOCK NO 1 //	.02			.01		.01	.07	.02	.67	.07						.05	.03	.01							.16
MAGNOLIA																									.89
MARION 1 MILE SSE				.01	.01	.03	.43	.04	.34	.03	.01	.01	.01												.10
MIDWAY				.01	.04	.03	.01	.01																	
MOBILE WB AIRPORT 6	.02	*	*	*	*	*	.02	*	*	*	*	*	.28	*	*	*	*	*	.05						
MOBILE WB CITY											.12	.63	.08												.83
MONTGOMERY WB AIRPORT 6	.01	*	*	*	*	*	.04	*	*	*	*	.03	.07	.06	1.18	*	*	*	*	.03					.17
MONTGOMERY WB CITY									.01			.03	.07	.06		*	*	*	*						
MUSCLE SHOALS 6									.22	.01	.08					*	*	*	.13	*	*	*	*	*	
PAINT ROCK																		.05	.06		.01				.43
PETERMAN				.01	.02	.03	.08	.21	.12	.12	.09	.02	.35	.02											.45
PLEASANT HILL					.01	.01	.08									.07	.16	.02							.65
RIVER FALLS 2 MILES NE																									.25
THORSBY 1 MILE SW				.11					.01	.03															.15
TRAFFORD						.01	.01																		.02
TROY					.02	.01																			.03
TUSCALOOSA AIRPORT 6																	*	*	*	*	.39				
UNIVERSITY																	.70	.39							1.10
VERNON	.03			.01					.01								.06	.14							.25
-12th-																									
ABBEVILLE																	.22	.03	.01						.26
ANNISTON WB AIRPORT 6								*	*	*	*	*	.14												.58
ASELAND //											.01	.17	.11						.15	.12	.01	.01			.73
ATMORE STATE FARM											.10	.13	.70										.80		1.73
AUBURN SCS 10												.10													.45
BELGREEN							.04	.01	.10						.08				.17	.10					.15
BERRY																									.75
BEXAR 2 MILES SE				.01	.01	.05					.01	.49	.23	.01	.01	.01									.08
BIRMINGHAM WB AIRPORT									.02	.18	.09	.06	.05	.08	.01										.28
BOAZ																									.21
DADEVILLE NO 2																									.24
EUTAW LOCK NO 7									.01	.01	.01	.01	.01	.28	.02	.02	.07	.02	.05		.04	.04	.01		.39
FLAT ROCK																									.08
FORT PAYNE																	.04								.04
GREENVILLE NO 2														.01	.01	.23	.03	.01	.01				.10	.14	.54
GUNTERSVILLE REC	.01	.01	.01	.01	.01				.01	.01	.01	.01													.01
HALEYVILLE	.41																*	*	*	.03					.10
HUNTSVILLE 6																	*	*	*	.02	.02	.12	.13	.10	.13
LOCK NO 1 //														.06	.22	.18	.01	*	*	*	.01	.01	.01	.01	.36
MAGNOLIA														.03	.01	.02	.23	.02	.01	.01	.01	.02	.07	.06	.01
MARION 1 MILE SSE									.06	.01	.12	.01	.02	.23	.02			.15	.09	.04	.01	*	*	*	.29
MIDWAY															*	*	*	*	*	.02	*	*	*	*	.18
MOBILE WB AIRPORT 6															*	*	*	*	*	.71	*	*	*	*	.20
MOBILE WB CITY															*	*	*	*	*	.01	.18	.01			.03
MONTGOMERY WB AIRPORT 6											.15				*	*	*	*	*						.20
MONTGOMERY WB CITY															*	*	*	*	*	.01					.03
MUSCLE SHOALS 6	.04														*	*	*	*	*	.01					.07
PAINT ROCK																	.03								.03
PETERMAN									.01	.01		.01	.07	1.54	.02	.01			.03	.01	.02	*	*	*	1.72
PLEASANT HILL												.01						.02							*
RIVER FALLS 2 MILES NE														.08	.10										.18
TROY																									1.28
TUSCALOOSA AIRPORT 6								*	*	*	*	*	*	.41											.50
UNIVERSITY					.01	.01			.28	.11	.07	.01		.02	.07	<									

HOURLY PRECIPITATION

ALABAMA
JUNE 1949

Station	A. M. Hour ending												P. M. Hour ending												Total
	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12		
FLAT ROCK																									
FORT PAYNE																									
GARDEN CITY																									
GUNTERSVILLE REC																									
HALEYVILLE																									
HUNTSVILLE 6																									
MONTGOMERY WB CITY																									
MOULTON																									
MUSCLE SHOALS 6																									
PAINT ROCK																									
THORSBY 1 MILE SW																									
TONEY																									
TRAFORD																									
TUSCALOOSA AIRPORT 6																									
UNIVERSITY																									
VERNON																									
-15th-																									
ABBEVILLE																									
ANNISTON WB AIRPORT 6																									
ASHLAND //																									
ATMORE STATE FARM																									
AUBURN SCS 10																									
BELGREEN																									
BERRY																									
BEKAR 2 MILES SE																									
BIRMINGHAM WB AIRPORT																									
BOAZ																									
DADEVILLE NO 2																									
FLAT ROCK																									
FORT MORGAN //																									
FORT PAYNE																									
GARDEN CITY																									
GUNTERSVILLE REC																									
HALEYVILLE																									
HUNTSVILLE 6																									
JACKSONVILLE																									
LAY DAM																									
LOCK NO 1 //																									
MIDWAY																									
MOBILE WB AIRPORT 6																									
MOBILE WB CITY																									
MONTGOMERY WB AIRPORT 6																									
MONTGOMERY WB CITY																									
MOULTON																									
MUSCLE SHOALS 6																									
PAINT ROCK																									
PETERMAN																									
RIVER FALLS 2 MILES NE																									
THORSBY 1 MILE SW																									
TONEY																									
TRAFFORD																									
TROY																									
TUSCALOOSA AIRPORT 6																									
UNIVERSITY																									
VERNON																									
-16th-																									
ANNISTON WB AIRPORT 6																									
FLAT ROCK																									
FORT MORGAN //																									
HALEYVILLE																									
HUNTSVILLE 6																									
-17th-																									
FLAT ROCK																									
-18th-																									
ADDISON																									
BELGREEN																									
BEKAR 2 MILES SE																									
HALEYVILLE																									
HUNTSVILLE 6																									
MOBILE WB AIRPORT 6																									
MOBILE WB CITY																									
MOULTON																									
MUSCLE SHOALS 6																									
TONEY																									
-19th-																									
BELGREEN																									
BERRY																									
BEKAR 2 MILES SE																									
BOAZ																									
HALEYVILLE																									
HUNTSVILLE 6																									
MOBILE WB AIRPORT 6																									
MOBILE WB CITY																									
MOULTON																									
MUSCLE SHOALS 6																									
TONEY																									
-20th-																									
ABBEVILLE																									
ANNISTON WB AIRPORT 6																									
ASHLAND //																									
ATMORE STATE FARM																									
AUBURN SCS 10																									
BELGREEN																									
BERRY																									
BEKAR 2 MILES SE																									
BOAZ																									
DADEVILLE NO 2	</																								

HOURLY PRECIPITATION

ALABAMA
JUNE 1949

Table 4--Continued

Station	A. M. Hour ending												P. M. Hour ending												Total
	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	
HUNTSVILLE 6								*	*	*	*	*	.06	*	*	*	*	*	.01	*	*	*	*	*	.05
LAY DAM													.05												.10
MIDWAY																									.03
MOBILE WB CITY										.01	.02							.03	.02	.04	.01				.46
MONTGOMERY WB AIRPORT 6															*	*	*	*	*	.10					.04
MONTGOMERY WB CITY												.35			.01	.03		.07	*	*					.13
MUSCLE SHOALS 6	.02														*	*	*	*	*	.08					.77
PETERMAN									.03	.01															.19
PLEASANT HILL																									.04
RIVER FALLS 2 MILES NE							.02	.01					.01												.04
THORSBY 1 MILE SW	.01												.09	.03											.13
TROY									.02	.64	.04	.01	.01	.01	*	*	*	.03	.01						.77
TUSCALOOSA AIRPORT 6													.03	.01			*	*	*	.02					.19
VERNON																			.06	.07					
-21st-																									
ABBEVILLE	.01	.01			.02	.02	.01																		.07
ADDISON					.20	.34	.01	.40	.13	.37	.21			*	*	*	*	*	.06	*	*	*	*	*	1.66
ANNISTON WB AIRPORT 6													.01	.02	.02			.14	*	*	.06	*	*	*	.29
ASHLAND //																			.03	.01	.06	*	*	*	.91
ATMORE STATE FARM					.48	.43								.04				.17							.37
AUBURN SCS 10					.08	.01	.01																	.06	.06
BELGREEN					.08	.47						.03	.02		.02	.02					*	*	*	*	.28
BERRY														.03	.23	.02									.93
BEXAR 2 MILES SE							.11	.01		.07	.14	.80	.01					.01							.23
BIRMINGHAM WB AIRPORT							.01	.01	.07	.14	.01														.10
DADEVILLE NO 2							.03	.01	.01	.12	.03											.05	.03		.20
DOTHAN CAA AIRPORT																									.04
FLAT ROCK							.06	.18	.01									.02	.01	.01					.25
FORT MORGAN //																									.04
FORT PAYNE							.18	.01	.01									.02	.01	.01					.20
GARDEN CITY								.02																	.02
GREENVILLE NO 2													.01	.01											.37
HUNTSVILLE 6	.02			1.20	.72	.38	.59	.01	.05	.40	.01	.01	.37					.02							3.37
JACKSONVILLE																									.02
MOBILE WB AIRPORT 6		*	*	*	*	*	.32	*	*	*	*	*	.02												.193
MOBILE WB CITY		.25		.03	.21	1.12	.32	*	*	*	*	*	.02												.09
MONTGOMERY WB AIRPORT 6								*	*	*	*	*	.17							*	*	*	*	*	.142
MONTGOMERY WB CITY													.02											.07	.09
MOULTON							.04		1.19	.10			.09												.32
MUSCLE SHOALS 6								.31	.01				.45	*	*	*	*	*	.02	*	*	*	*	*	.44
PAINT ROCK														*	*	*	*	*							.21
RIVER FALLS 2 MILES NE	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	.48	.50	.01	.06		.06
THORSBY 1 MILE SW							.19	.12	.10			.03	.05	.05	.01			.02							.44
TONEY												.10	.05	.05	.01										.21
TRAFFORD												.05	.01												.06
TROY														*	*	*	*	*	.53						.50
TUSCALOOSA AIRPORT 6																		.02	.27						.129
UNIVERSITY																									
VERNON							.01	.01		.01	.58	.18	.26	.24											
-22d-																									
ABBEVILLE																.25									.25
ANNISTON WB AIRPORT 6	.05	*	*	*	*	*	.18																		1.30
ASHLAND //	.48	.01		.01	.01	.02	.16	.58	.02	.01											.90	.10			1.00
ATMORE STATE FARM																									.68
BELGREEN	*	*	*		.06																				.10
DADEVILLE NO 2				.01	.03	.03	.01	.01	.01	.01								3.28	.32	.05	.02				3.88
DOTHAN CAA AIRPORT							.20	.01						.01	.08	.02		.10	.46						.11
FORT MORGAN //																									.57
GREENVILLE NO 2					.04	.05							.04	.04											.09
GUNTERSVILLE REC													.01	.05											.08
JACKSONVILLE													.04	.04											.24
LAY DAM	.04	.23		.84	.06	.06							.01	.05											.26
LOCK NO 1 //							.16					.04	.05							.01	.23				.35
MIDWAY								*	*	*	*	*	.05	*	*	*	*	*	*	.02					.24
MOBILE WB AIRPORT 6								*	*	*	*	*	.05	*	*	*	*	*	*	.02					.35
MOBILE WB CITY													.32	.03	*	*	*	*	*	.46					2.43
MONTGOMERY WB AIRPORT 6	.45	*	*	*	*	*	1.72	*	*	*	*	*	.02	*	*	*	*	*	*	.46					.41
MONTGOMERY WB CITY	.28	.58	.35	.91	.20	.06	.04						.01												.66
MUSCLE SHOALS 6	.13																								.33
PAINT ROCK			.03	.07	.31	*	*	*	*	*	*	*	*	*	*	.34	.28	.04							1.16
RIVER FALLS 2 MILES NE	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*						.02
THORSBY 1 MILE SW	.03	.08	.03	.04	.01	.01	.01						.12							.39	.01				.33
TROY					.36	.33																			.02
TUSCALOOSA AIRPORT 6	*	*	*	*	*	*	.02																		.11
-23d-																									
ABBEVILLE													.11	.02											.13
ADDISON																				.01					.01
ASHLAND //																				.01	.12				.13
ATMORE STATE FARM							.07	.01									.51	.29							.88
BEXAR 2 MILES SE																			.02						.02
DOTHAN CAA AIRPORT				.01	.01	.02				.01	-	-	-	-	-	-	-	-	-	-	-	-	-	-	.09
JACKSONVILLE				.01	.07	.01																			.45
LOCK NO 1																	.01	.43	.01						.05
MARION 1 MILE SSE														*	*	*	*	*	.03	.05					.03
MIDWAY														*	*	*	*	*	*	.62	*	*	*	*	.05
MOBILE WB AIRPORT 6														*	*	*	*	*	*	.01					.52
MONTGOMERY WB AIRPORT 6														*	*	*	*	*	*	.07					.18
MONTGOMERY WB CITY																					.25	.27			
MOULTON																					.17	.01			
VERNON																									

ALABAMA
JUNE 1949

Table 4-Continued

See reference notes following Station Index.

Table 4-Continued

HOURLY PRECIPITATION

ALABAMA
JUNE 1949

Station	A M Hour ending												P M Hour ending												Total	
	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12		
JACKSONVILLE													.87	.78	.01						.09	.01		.01	1.66	
MAGNOLIA																									.11	
MOULTON															*	.04	.46	.57	.03						1.10	
MUSCLE SHOALS 6															*		*			.33						
PAINT ROCK										.15	.56	.30	.08		.04		.07	.01	.01						1.22	
RIVER FALLS 2 MILES NE																.39	.02								.41	
TONEY														1.11	.19		.01	.08							1.39	
VERNON										-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-29th-																										
ABBEVILLE									*	*	*	*	*	*	*	.23			.39	.01					.40	
ADDISON															*	*	*	*							.23	
ANNISTON WB AIRPORT 6															*	*	*	*	.34							
AUBURN SCS 10																.02				.11					.13	
BOAZ																.07	.01								.08	
DADEVILLE NO 2																	.05	.02	.12	.07					.26	
FLAT ROCK										.07			.05			.01	.04	.08	.12	.02	.02				.36	
FORT PAYNE																									.05	
GUNTERVILLE REC																									.20	
HUNTSVILLE 6	.10	*	*	*	*	*		.01							.20	*	*	*	*	.08						
JACKSONVILLE								.01	.01	.01	.01				*	.25	.02								.31	
MIDWAY																		.09	.01						.10	
MONTGOMERY WB AIRPORT 6															*	*	*	*	.07							
MONTGOMERY WB CITY																.21									.21	
MOULTON						.11																			.11	
THORNSBY 1 MILE SW																	.15	.03	.23	.01	.01				.43	
TONEY													.43	.03							*	*	*	*	.46	
TUSCALOOSA AIRPORT 6																							.12	.01	.13	
UNIVERSITY																										
-30th-																										
ABBEVILLE																		.04							.04	
ADDISON																		.03	.01	.01					.05	
ATMORE STATE FARM								.02	.01	.01					*	.40	.03	*	*	*	*	*	*	*	.47	
BERRY															*	*	*	*	*	*	*	*	*	*	*	
BEXAR 2 MILES SE															.06	.04									.10	
BIRMINGHAM WB AIRPORT																	.01		.02						.03	
CAMPBELL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	.01	.01						
DADEVILLE NO 2																				.01	.01				.02	
FLAT ROCK								.04														.23	.02		.29	
GARDEN CITY																		.07	.01	.01					.09	
HALEYVILLE													.12	.01											.13	
LAY DAM					.03																				.03	
MAGNOLIA						.09	.07	.01																	.17	
MARION 1 MILE SSE																	.05	.10							.15	
MIDWAY																*	*	*	*	.03	.50		.01		.51	
MOBILE WB AIRPORT 6															*	*	*	*								
MOBILE WB CITY								.10									.06	1.44	.70						2.30	
MONTGOMERY WB CITY																							.01		.01	
MOULTON												.16	.03												.21	
MUSCLE SHOALS 6							*	*	*	*	*	*	.18							.02						
NEW BROCKTON	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
PAINT ROCK																.24									.24	
PETERMAN							.11	.01	.01							.01									.15	
PLEASANT HILL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
RIVER FALLS 2 MILES NE																					.74				.74	
TONEY																	.19	.01							.20	
TRAFFORD																		.05	.10	.01					.16	
TUSCALOOSA AIRPORT 6	.03													*	*	*	*	*	.89							
UNIVERSITY																.52	.01								.53	
VERNON	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	

DELAYED DATA

DECEMBER 1948																												
												-18th-																
EUTAW LOCK NO 7												.13	.01	.04	.01	.01	.01	.01				.01	.01		.01	.01	.02	.94
												-19th-																
EUTAW LOCK NO 7		.01	.03										.01	.01														.06
												-25th-																
EUTAW LOCK NO 7			.02	.13	.01	.01																						.17
FEBRUARY 1949																												
												-3rd-																
ASHLAND	//																								.04	.21	.04	.29
												-4th-																
ASHLAND	//		.04	.02	.31	.09	.05											.01	.05	.01								.58
												-6th-																
ASHLAND	//																	.01	.01		.02					.01	.05	
												-8th-																
ASHLAND	//				.01	.03											.01	.04	.06	.05	.19	.05			.08	.04	.56	
												-9th-																
ASHLAND	//			.05	.04	.01	.05										.03		.02					.04	.05	.13	.42	
												-10th-																
ASHLAND	//		.03		.01		.02	.01		.02	.02																	.11
												-15th-																
ASHLAND	//						.02	.02	.01								.03	.01		.08	.02	.06	.09	.02	.07	.01	.44	
												-16th-																
ASHLAND	//		.01	.12	.17	.20	.13	.05	.12	.08	.15	.03		.01		.02	.01											1.10

HOURLY PRECIPITATION

ALABAMA
JUNE 1949

Table 4--Continued

Station	A. M. Hour ending												P. M. Hour ending												Total
	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	
ASHLAND //													-18th-					.01	.03		.01		.01	.01	.07
ASHLAND													-19th-												1.19
BOAZ	.03	.09	.03	.03	.04	.12	.02	.15	.60	.08															.62
NEW BROCKTON								.05	.01				.01	.04	.16	.14	.05	.06	.03		.14	.02	.01	.01	.73
													-20th-												.09
NEW BROCKTON	.01	.05	.02	.01									-26th-												
ASHLAND //																		.01	.02	.03	.04	.06	.08	.01	.25
BOAZ																		.01	.02	.03	.03	.01	.01	.02	.10
													-27th-												
ASHLAND //	.01	.05	.01	.07	.03	.11	.03	.19	.13	.06					.01	.01	.02								.73
BOAZ	.09	.19	.11		.01		.02	.01	.05	.05		.01				.01									.55
NEW BROCKTON	.01	.01	.01		.01	.05	.10	.05	.08	.18	.04														.54
APRIL 1949													-24th-												
MIDWAY																.10	.03	.01							.14
													-27th-												
MIDWAY																				.02	.07	.04			.13
													-28th-												
MIDWAY					.02	.02		.02	.25	.04	.01	.18	.85	.04	.03	.04	.33	.16	.08	.04	.02	.01	.13	.01	2.28
													-29th-												
MIDWAY	.02	.03	.12	.09	.31	.10	.10	.02		.13	.01	.01	.02	.17	.15	.20	.10	.02				.02	.01		1.63
													-30th-												
MIDWAY				.01	.02	.01		.01	.01	.01	.07	.06	.01	.01											.22
MAY 1949													-1st-			.15	.43	.08	.18	.19	.06	.01			1.10
ASHLAND //													-2nd-												
ASHLAND //				.06	.02	.01		.01																	.10
													-24th-												
ASHLAND													.06		.15	.26	.01								.48
													-27th-												
ASHLAND													.08	.01											.09
													-28th-												
ASHLAND	.08	.22	.08	.01														.02	.02						.43
													-29th-												
ASHLAND							.04	.06	.05										.20	.16	.01				.52
													-30th-												
ASHLAND			.01	.01	.03	.14	.09	.13		.05			.02										.14	.04	.66
													-31st-												
ASHLAND //									.03																.03

CORRECTIONS

MONTH: JANUARY, 1949

Table 2:

Muscle Shoals

Total Precipitation 11.40; Dep. + 6.54.

Table 3:

Livingston

On 30th, .25; on 31st, .88. Total for Month 5.44.

Muscle Shoals

On 22nd, .54; Monthly total 11.40.

Table 4:

Muscle Shoals

On 17th at 1 a.m. .66; on 30th at 7 p.m. .31.

MONTH: MARCH, 1949

Tables 3 & 4:

Pleasant Hill

Delete all amounts 23rd to 31st, inclusive, and monthly total. Record inaccurate.

MONTH: MAY, 1949

Table 3:

Gadsden

On 31st .36; Monthly total 3.36.

St. Bernard

On 31st .45; Monthly total 3.88.

See reference notes following Station Index

DAILY TEMPERATURES

ALABAMA
JUNE 1949

Table 5

Station	Day of month																													Average		
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
ALEXANDER CITY G. M. NE	MAX MIN	84 62	85 61	84 60	88 55	91 61	91 63	92 60	92 63	86 62	82 68	83 68	82 64	87 67	87 68	82 70	83 62	84 64	89 58	90 62	86 56	85 67	89 71	91 69	89 71	90 72	90 73	87 70	93 68	92 70	92 69	87.5 65.5
ANDALUSIA	MAX MIN	86 63	84 62	85 61	86 65	88 67	94 65	93 67	94 69	93 68	91 68	80 69	82 70	86 70	87 72	84 72	87 64	88 67	90 67	88 70	77 71	84 70	89 68	90 70	85 74	92 71	93 74	92 73	93 74	94 73	88.1 68.8	
ANNISTON WB AIRPORT	MAX MIN	84 60	84 58	86 61	88 57	90 63	90 60	90 63	90 63	85 66	78 68	84 68	83 66	86 67	88 71	82 65	82 64	87 61	90 59	84 63	82 67	90 67	91 70	90 74	88 71	90 73	88 71	90 70	92 69	92 70	86.9 65.9	
ATMORE STATE FARM	MAX MIN	87 68	88 64	88 64	91 63	93 67	93 69	94 71	96 69	92 71	82 69	81 70	86 69	90 72	87 70	88 68	90 66	92 66	94 71	82 71	84 72	92 73	90 72	81 73	91 72	93 75	95 74	96 75	96 75	95 73	89.9 70.2	
AUBURN	MAX MIN	81 62	83 59	83 59	84 58	86 63	91 62	90 64	93 65	90 63	87 66	78 66	79 64	84 66	86 69	86 68	80 68	81 63	85 59	89 62	89 58	82 68	84 69	88 68	89 68	88 69	90 72	92 70	91 69	93 67	92 68	86.6 65.7
BAY MINETTE	MAX MIN	87 67	89 64	87 63	90 63	92 61	90 66	91 71	88 65	85 69	81 69	77 69	83 68	88 69	90 71	86 70	88 68	89 66	91 71	88 72	82 71	89 73	90 73	78 71	90 71	91 75	93 75	93 74	93 75	95 75	88.1 69.4	
BIRMINGHAM WB APT	MAX MIN	83 62	84 61	86 63	90 64	88 63	89 64	90 62	92 65	83 67	76 69	81 70	82 69	84 73	88 67	82 66	85 62	88 62	86 64	82 70	82 71	91 72	93 70	85 72	86 73	92 72	90 72	93 71	90 71	93 72	86.7 67.6	
BIRMINGHAM WB CITY	MAX MIN	87 63	88 63	90 65	94 67	92 65	93 64	93 65	95 68	84 67	81 68	80 69	80 68	88 68	88 73	84 69	82 68	85 63	86 64	90 65	80 70	87 71	84 72	93 70	87 73	86 72	91 73	93 74	94 72	92 71	88.4 68.5	
BREWTON 3 MILES SSE	MAX MIN	86 59	87 62	87 62	90 62	93 59	94 62	95 63	93 63	90 71	83 67	83 68	90 67	90 69	85 69	87 67	90 61	93 69	81 67	87 70	84 71	94 68	92 70	82 71	92 72	93 71	92 71	95 71	96 74	95 72	89.9 67.3	
CENTREVILLE	MAX MIN	88 71	88 69	90 68	92 65	91 71	92 72	95 74	94 69	86 74	81 85	82 81	88 75	88 75	86 76	87 75	88 76	82 72	82 72	85 66	89 72	88 72	88 73	88 78	93 73	96 72	96 72	96 72	96 74	95 75	89.0 75.0	
CITRONELLE	MAX MIN	87 69	87 67	86 66	88 68	91 68	89 72	90 70	85 70	80 70	79 70	84 71	87 69	86 73	83 70	88 68	86 71	84 73	84 71	88 73	88 73	90 74	88 73	90 72	91 72	88 73	92 74	92 74	95 75	93 76	87.2 71.0	
CLANTON	MAX MIN	86 63	84 59	86 62	88 61	91 66	90 65	92 62	94 69	91 66	84 68	72 69	82 68	85 69	89 71	86 71	84 66	86 61	89 64	89 69	81 70	85 70	86 70	89 73	88 74	92 75	93 74	88 73	93 71	94 72	90.4 67.7	
CORDOVA	MAX MIN	86 60	85 62	89 64	92 64	90 61	90 63	91 61	93 63	83 65	87 69	82 69	89 69	89 72	87 70	83 68	89 65	89 68	85 69	81 65	81 70	87 74	91 85	87 74	91 74	93 78	94 78	92 74	94 75	93 76	88.9 68.5	
DAYTON	MAX MIN	88 68	88 63	89 61	90 62	92 65	94 65	94 65	91 75	84 70	85 69	83 68	90 68	89 72	85 74	86 65	90 61	86 65	89 70	86 70	89 72	92 73	92 73	89 75	93 72	93 73	94 74	94 74	93 73	89.8 69.0		
DECATUR	MAX MIN	82 64	86 64	88 66	90 69	90 68	89 68	90 69	93 69	90 68	80 70	85 71	83 70	85 71	90 68	85 74	76 62	83 67	82 67	85 69	83 69	81 72	88 70	92 75	85 73	90 71	90 72	91 71	90 73	90 73	86.7 69.2	
DOTHAN CAA AIRPORT	MAX MIN	84 64	86 61	87 62	89 59	95 64	96 69	96 70	93 69	90 69	80 69	83 69	90 67	88 69	90 71	90 70	91 66	91 66	92 71	92 71	84 72	88 70	90 72	84 71	93 71	93 76	94 74	95 73	94 73	94 72	89.6 68.9	
EUFULA	MAX MIN	86 65	85 58	88 61	90 55	93 66	92 68	93 68	87 69	87 67	81 69	89 68	89 72	90 71	88 73	88 66	90 62	87 65	89 70	89 65	90 71	89 75	88 76	92 74	85 71	92 74	92 73	86 71	93 73	91 71	88.7 68.7	
EVERGREEN	MAX MIN	85 61	87 62	87 60	92 62	88 60	92 62	92 62	95 69	93 74	80 69	87 70	87 69	87 72	87 71	84 67	87 62	86 66	86 69	91 68	79 71	84 71	91 71	91 72	84 71	91 72	91 74	92 77	95 73	95 74	88.7 68.1	
FAIRHOPE	MAX MIN	88 63	88 65	89 62	89 63	92 67	91 68	92 70	89 70	82 68	83 68	90 69	91 68	90 68	86 70	89 70	89 67	91 69	90 70	82 71	83 72	92 73	92 70	92 74	91 76	92 73	92 75	93 76	94 75	93 76	89.3 69.6	
FAYETTE	MAX MIN	86 70	88 59	90 57	91 62	93 65	93 63	91 61	86 62	79 65	85 70	88 68	87 72	87 70	85 68	79 65	87 58	87 59	89 65	87 67	83 71	83 69	92 69	93 69	86 73	92 75	92 73	91 70	93 69	92 72	88.3 66.8	
FORT MORGAN	MAX MIN	84 75	85 81	86 65	85 61	89 68	90 71	88 72	88 74	86 75	81 72	81 71	87 79	87 72	84 71	86 67	89 73	89 70	82 73	82 72	88 75	88 76	90 74	84 78	89 79	89 78	89 79	91 74	95 76	93 79	87.2 73.2	
FRISCO CITY	MAX MIN	83 65	86 63	88 62	88 62	91 65	92 66	93 69	98 69	93 69	83 69	79 69	87 69	89 72	89 66	84 63	89 67	90 69	91 69	91 67	82 72	86 71	92 72	92 74	83 70	90 74	92 74	92 74	95 74	95 72	89.1 69.0	
GADSDEN	MAX MIN	80 57	84 57	85 59	88 54	90 64	91 64	90 58	92 61	87 65	81 68	85 66	88 68	87 68	81 71	84 64	88 62	88 58	90 61	88 68	82 69	91 72	94 68	90 74	89 70	89 70	91 69	91 68	92 68	87.8 65.4		
GENEVA	MAX MIN	90 65	89 65	88 62	90 60	92 59	97 65	96 66	96 66	95 66	78 68	83 66	87 67	90 69	90 68	92 64	92 65	92 70	92 65	94 74	78 67	85 69	92 67	89 71	80 72	88 74	94 72	92 73	93 76	92 73	90.0 67.4	
GOODWATER	MAX MIN	80 63	82 61	84 63	85 59	88 67	90 61	91 66	91 66	83 68	74 67	83 66	80 66	86 68	85 70	81 62	82 58	85 63	87 68	88 68	84 71	84 70	88 71	89 72	86 73	90 71	88 74	87 71	91 70	90 69	85.8 66.6	
GREENSBORO	MAX MIN	83 67	87 65	87 66	92 72	91 66	93 66	93 70	88 69	84 70	81 73	81 70	87 70	87 74	86 61	86 63	91 63	89 68	88 70	85 73	92 73	92 73	85 72	94 73	94 74	96 74	96 75	95 73	95 73	98 73	89.4 70.3	
GREENVILLE	MAX MIN	85 72	85 61	88 63	90 68	90 68	92 68	94 69	95 68	81 68	82 69	85 68	88 68	87 73	83 68	86 63	90 65	82 67	83 69	89 72	88 71	85 71	93 71	88 73	85 72	91 73	93 74	85 74	94 74	94 73	88.1 69.2	
HALEYVILLE	MAX MIN	84 64	82 64	84 63	87 67	88 65	82 67	87 68	88 66	81 66	84 69	84 68	80 69	85 67	79 64	79 60	81 63	85 65	85 66	81 66	78 68	88 70	91 73	85 72	85 74	88 70	86 72	88 69	88 71	84 71	87.5 67.5	
HIGHLAND HOME	MAX MIN	82 64	84 63	83 63	86 63	89 64	92 66	92 67	86 67	77 68	78 68	86 66	86 67	87 70	82 68	82 65	84 62	88 66	88 67	84 69	86 71	86 71	90 71	89 73	90 73	91 71	90 71	91 71	90 72	90 73	86.3 68.0	
HUNTSVILLE	MAX MIN	82 63	86 60	86 62	90 64	88 65	86 62	88 64	90 69	80 69	81 69	83 69	85 69	89 69	79 65	83 62	84 63	86 68	78 72	81 72	90 72	93 74	86 74	89 74	91 74	90 74	91 74	89 74	89 74	90 74	85.9 67.3	
LA FAYETTE	MAX MIN	82 60	83 58	85 60	87 57	91 61	91 63	93 65	91 65	78 65	78 66	84 66	87 68	81 69	85 67	87 64	90 63	86 63	88 68	90 69	92 68	92 69	90 70	90 76	90 70	90 76	95 70	95 70	93 68	88.2 65.6		
LIVINGSTON	MAX MIN	86 68	86 62	87 60	90 66	91 67	93 65	89 67	89 69	84 71	85 70	80 68	88 73	86 71	84 65	86 63	90 63	87 66	88 66	88 72	93 73	93 74	87 74	93 76	93 74	94 76	94 74	94 73	94 73	90 73	88.7 69.2	
LOCKHART	MAX MIN	86 65	84 61	85 60	86 58	89 62	92 66	92 71	93 68	90 67	83 69	82 68	87 69	82 71	89 68	89 71	91 66	90 69	91 70	77 71	83 69	90 72	82 70	90 73	82 73							

ALABAMA
JUNE 1949

Station		1																															Average
		2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
MONTGOMERY WB CITY	MAX	85	85	87	90	91	92	94	91	86	73	79	86	88	87	78	84	86	90	90	83	86	87	89	84	93	92	91	93	94	94	87.6	
	MIN	86	85	86	88	89	89	72	71	70	70	70	70	69	74	70	68	85	87	70	71	72	72	72	73	73	75	75	75	76	74	70.0	
MUSCLE SHOALS	MAX	80	86	88	90	88	88	91	85	79	85	85	86	90	77	75	85	85	80	83	81	93	93	87	86	90	90	95	93	88	86.1		
	MIN	64	62	62	66	67	67	68	70	73	70	70	68	67	70	68	64	61	64	65	67	68	72	71	71	74	74	72	73	71	73	68.3	
ONEONTA	MAX	80	84	88	87	90	90	90	90	92	85	78	84	86	90	90	82	84	86	88	90	90	82	91	94	90	89	91	91	92	93	87.1	
	MIN	60	58	60	62	63	62	60	63	66	67	68	68	68	71	67	65	60	60	61	62	70	71	68	73	73	70	69	70	67	69	65.1	
OZARK	MAX	84	85	85	88	92	92	95	95	88	78	80	88	85	85	83	89	88	90	92	82	83	88	90	83	90	92	90	93	90	92	87.8	
	MIN	65	61	62	60	66	68	71	68	67	68	68	67	68	70	70	68	64	65	67	70	71	70	70	73	71	69	71	73	73	72	68.2	
PRATTVILLE	MAX	86	87	87	88	90	91	93	89	87	83	79	87	88	88	81	84	85	88	90	86	87	83	89	85	93	93	92	93	93	93	87.9	
	MIN	62	64	60	63	60	66	64	69	68	69	70	69	69	68	73	66	62	62	64	66	72	73	73	74	73	73	73	73	72	72	68.1	
PUSHMATAHA	MAX	80	85	85	85	90	90	90	91	90	88	80	76	84	87	86	86	86	88	86	62	67	68	71	73	73	73	74	77	75	74	73	87.5
	MIN	65	59	58	59	66	67	64	69	68	68	70	72	68	72	64	67	60	62	67	68	71	73	73	73	74	74	77	75	74	73	68.2	
ROBERTSDALE 7 MI E	MAX	89	88	88	90	92	91	94	88	86	79	79	86	89	89	88	91	89	89	84	82	89	89	79	89	90	91	92	94	94	88.2		
	MIN	66	65	60	61	64	69	65	68	67	69	70	69	68	70	70	69	65	68	70	70	71	71	73	71	71	75	74	72	76	74	69.0	
ROCK MILLS	MAX	85	86	83	90	92	95	95	95	88	81	81	87	88	88	81	88	90	91	91	86	86	91	92	92	91	92	90	94	94	89.3		
	MIN	57	55	55	54	62	63	60	60	63	66	67	65	67	68	71	69	62	57	61	66	69	70	70	70	72	74	70	71	69	69	64.9	
SAINT BERNARD	MAX	81	83	85	88	90	88	88	88	91	85	79																					

DECEMBER 1948																																			
ANNISTON WB AIRPORT	MAX MIN	83 32	50 44	61 38	66 44	69 46	62 36	53 37	57 39	59 35	48 29	56 29	60 49	71 54	71 55	70 55	68 60	64 46	51 44	55 44	52 30	67 31	70 53	63 41	58 42	46 28	40 20	40 30	60 30	30 38	38 22	43 22	56.8 38.4		
MUSCLE SHOALS	MAX MIN	57 31	60 40	60 46	63 40	64 46	55 36	58 38	50 31	53 33	42 28	53 26	63 53	69 54	73 62	68 64	74 46	67 41	55 42	52 37	54 30	63 40	56 40	48 35	45 36	32 25	46 18	30 30	34 34	33 33	27 27	59 22	35 22	43 22	55.1 37.6
JANUARY 1949																																			
FORT MORGAN	MAX MIN	52 36	65 42	67 61	69 65	70 66	71 49	53 46	61 45	66 54	69 54	72 53	79 57	70 54	65 52	68 56	71 63	72 65	73 66	73 52	57 45	66 48	71 63	70 63	73 63	75 65	72 63	72 65	74 54	61 43	45 35	41 35	66.5 54.1		
MAXWELL FIELD	MAX MIN	50 28	39 35	64 54	67 59	70 48	53 43	62 36	70 38	73 48	78 51	80 52	70 53	62 44	66 49	70 49	76 51	75 60	76 59	61 43	54 36	60 50	76 57	75 60	75 59	73 60	76 57	74 65	65 44	15 33	41 29	39 31	63.6 47.8		
APRIL 1949																																			
EVERGREEN	MAX MIN		75 53	62 52	65 49		61 43	77 49	82 63	84 54	83 59	76 58	72 61	77 49	75 53	81 60	76 42	80 42	74 36	71 34	75 50	73 60	68 64	69 62		85 56	83 56	79 61				76 61	75.2 52.1		
MAY 1949																																			
ALBERTVILLE 1 MI S	MAX MIN		71 46	80 53	83 68	87	86 69	85 62	82 64	84 66	84 56	70 67																							

Table 6

Station		Day of month																															Precip								
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31									
AUBURN	TEMP	14	22	30	24	34	27	32	28	11	30	18	18	22	9	9	7	11	9	21	2	22	12	20	23	20	13	10	17	08	21	23	30	19	45	24	31	25	37	27	6.75
	WIND	22	42	18	33	17	16	11	10	24	22	9	7	11	9	2	22	12	20	23	20	13	10	17	08	21	23	30	19	45	24	31	25	37	27	6.02					
FAIRHURST	TEMP	17	22	29	25	17	26	20	19	18	10	07	01	11	06	17	20	27	15	16	08	12	19	16	~	13	26	22	29	22	25	25	37	27	38	38	85.31				
	WIND	18	19	20	22	15	18	10	12	6	16	7	18	20	27	21	19	8	12	16	08	12	19	16	14	19	26	22	29	22	25	25	37	27	38	38	575				

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ALABAMA
JUNE 1949

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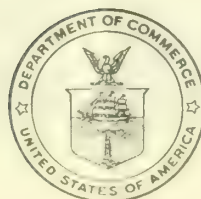
F. W. REICHELDERFER, Chief

CLIMATOLOGICAL DATA

ALABAMA

JULY 1949

Volume LV No. 7



ALABAMA - JULY, 1949

A. R. Long, Section Director - Montgomery

General Summary

The local distribution of rain this month was ragged as usual, and sectional differences were great, so that some northern areas had around 2 inches during the month and the southern half of the two coastal counties had an average of near 18 inches. Monthly totals considerably above normal were recorded at nearly all stations in south Alabama east of the Alabama River. Since good rains fell late in June, no serious local droughts occurred in the north where the fall was light during July.

A period of scattered showers at the end of June ended on the 1st of July in the north and on the 3d in the south. Only isolated showers were reported then for a few days until the 9th when scattered rains re-appeared, followed by an unusually wet spell running through the 17th, except frequent showers continued in the south until the 24th. In the north there was little precipitation after the 18th, except a few scattered showers from the 22d to the 24th. Showers were, however, frequent in the immediate coastal area throughout almost the entire month. At Mobile Airport, 12.00 inches of precipitation fell in a 9 day period from the 9th to the 17th, while at Spring Hill, 12.20 inches fell in the same period. There was a total of 14.66 inches measured from the 15th to the 23d at Fort Morgan.

It was somewhat warmer than normal during the periods of light rainfall, and a few stations had 100° maxima during the last 2 days, but otherwise temperatures were moderate for the time of year. The air was rather humid much of the time.

The weather of the month was not unfavorable for most crops. The frequent showers, along with a rank stalk growth, promoted boll weevil activity in cotton over much of the State, and since it was difficult to use poisons on account of rain, damage to the crop was heavy. Grassy fields were a serious problem until toward the end of the month when good progress was made cultivating late crops and preparing the land for fall crops. Considerable hay was saved during the last week. Pasturage this summer has been unusually abundant.

Lightning killed 2 men, Zora Linton, and his son, Eland, on their farm a mile and a half from Glenwood as they sought shelter from a thundershower under a tree, on the afternoon of the 5th.

No accounts were received of any violent wind storms, and no floods occurred in any of the major streams.

FCD

ACKNOWLEDGMENTS

In addition to the climatological data from some 6,000 Weather Bureau and cooperative weather stations, this bulletin series contains records from Hydroclimatic Network Stations which were formerly reproduced in the Hydrologic Bulletin Series. The Hydroclimatic Network is a nationwide net of rain gages--mostly of the recording type which produce continuous records of precipitation. It was established in 1939 at the request of the Corps of Engineers, Department of the Army, to supplement existing precipitation stations in order to provide records of rainfall intensity which were essential to the planning of flood control and related works by the Corps of Engineers. This Network, now numbering about 2,000 recording, and 1,000 non-recording rain gages, has been maintained by the Weather Bureau through working funds transferred annually to the Weather Bureau by the Corps of Engineers. These transfers averaged about \$250,000 per year between 1940 and 1944, and nearly \$375,000 since that date. For the years 1940-42, the Department of Agriculture transferred about \$100,000 per year to provide data required in its work, and since 1947 the Bureau of Reclamation has transferred about \$25,000 per year to meet the increasing needs of their program in the Western States.

Previous to the introduction of this bulletin series, data from Hydroclimatic Network stations were presented in bulletins (Hydrologic Bulletins) which were issued monthly for each of 8 drainage areas embracing the entire United States, but since the Network was established to meet the internal requirements of the Federal agencies referred to above, no provision was made for public dissemination of the data, distribution being limited to cooperating agencies and to certain public repositories. A list of locations where reference copies of the Hydrologic Bulletin Series are available for inspection may be obtained upon application to Chief, U.S. Weather Bureau, Washington 25, D.C.

Many other records published in this bulletin have been made available through the cooperation of various public offices, private agencies, and individuals as listed in the Station Index.

PRESSURE, WIND, HUMIDITY, SUNSHINE, DEGREE DAYS

ALABAMA
JULY 1949

Station	Sea level pressure extremes— inches				Wind speed—m. p. h.				Relative humidity averages—percent				Sunshine	
	Highest	Date	Lowest	Date	Average	Maximum	Direction of maximum	Date of maximum	1:30 a. E. S. T.	7:30 a. E. S. T.	1:30 p. E. S. T.	7:30 p. E. S. T.	Percent of possible	Degree days 65° base
ANNISTON WB AIRPORT	30.26	24	29.84	14	4.1	-	-	-	94	92	62	74	-	0
BIRMINGHAM WB AIRPORT	30.28	24	29.83	14	6.2	33	SE	23	89	87	61	66	48	0
MOBILE WB CITY	30.22†	24	29.86†	31	8.5	38	NW	11	93†	93†	70†	82†	46	0
MONTGOMERY WB CITY	30.26†	24	29.85†	14	5.8	25	SE	22	91†	90†	62†	74†	59	0
† AIRPORT DATA														

COMPARATIVE DATA

Table 1

Year	Temperature			Precipitation		Year	Temperature			Precipitation		Year	Temperature			Precipitation	
	Average	Highest	Lowest	Average	No. of days .01 or more		Average	Highest	Lowest	Average	No. of days .01 or more		Average	Highest	Lowest	Average	No. of days .01 or more
1884	80.9	104	54	5.84	11	1909	80.0	101	50	4.54	9	1934	81.8	106	60	6.55	12
1885	80.8	103	48	4.06	13	1910	78.6	100	55	7.14	14	1935	81.3	103	60	4.77	11
1886	79.4	100	54	4.06	9	1911	78.0	102	50	5.66	12	1936	81.8	107	60	7.21	12
1887	81.0	102	64	7.66	12	1912	79.8	102	56	5.15	12	1937	80.0	101	49	4.47	9
1888	81.5	100	64	3.26	7	1913	81.1	106	51	5.00	12	1938	80.4	101	60	7.54	13
1889	80.3	100	62	6.23	12	1914	81.6	107	56	4.17	8	1939	80.9	105	58	4.82	11
1890	80.0	105	60	5.70	9	1915	80.4	105	52	5.24	8	1940	78.7	101	54	8.46	15
1891	78.2	102	46	6.02	10	1916	78.5	99	59	16.69	17	1941	80.6	100	57	7.97	16
1892	78.6	102	58	8.93	17	1917	79.6	101	54	6.04	13	1942	81.0	104	57	4.83	11
1893	82.0	103	60	3.53	8	1918	78.1	104	48	3.87	8	1943	82.0	104	60	4.72	11
1894	78.7	103	56	5.00	12	1919	79.6	102	56	6.64	12	1944	80.1	105	49	4.21	10
1895	80.1	102	56	5.00	12	1920	79.5	99	57	5.28	10	1945	80.3	102	56	5.75	12
1896	81.0	105	50	5.31	8	1921	81.4	103	59	5.17	12	1946	79.4	99	59	6.99	14
1897	81.2	105	50	4.78	10	1922	79.9	100	53	4.39	9	1947	77.7	100	41	3.48	7
1898	80.0	103	51	6.07	14	1923	78.5	101	48	5.23	11	1948	81.1	104	57	6.23	11
1899	80.4	103	52	6.82	10	1924	79.9	103	49	3.55	7	1949	80.8	101	64	6.71	
1900	79.9	102	56	4.89	11	1925	81.7	106	54	4.89	10	Period	80.3	111	41	5.56	
1901	82.3	108	56	3.41	7	1926	79.2	104	49	6.13	11						
1902	82.8	109	53	2.51	7	1927	80.3	105	55	4.03	9						
1903	80.1	102	54	4.02	9	1928	80.6	101	60	5.11	11						
1904	78.5	103	54	4.88	11	1929	79.9	99	58	3.78	9						
1905	79.6	103	55	4.54	10	1930	83.7	111	50	3.96	8						
1906	79.0	100	55	8.29	14	1931	81.8	104	58	5.83	12						
1907	81.0	104	56	5.04	10	1932	82.9	105	54	4.85	11						
1908	80.0	103	56	4.80	12	1933	79.4	105	52	7.46	14						

See reference notes following Station Index

CLIMATOLOGICAL DATA

ALABAMA
JULY 1949

Table 2

Station	Temperature								Precipitation									
	Average	Departure from normal	Highest	Date	Lowest	Date	No. of days		Total	Departure from normal	Greatest day	Date	Snow, Sleet, Hail			No. of days		
							Max. 90° or above	Min. 32° or below					Total	Max depth on ground	Date	.01 or more	.25 or more	1.00 or more
NORTHERN DIVISION																		
ANNISTON WB AIRPORT	80.2	1.7	98	29	66	24	18		2.52	- 2.66	0.79	12				9	4	
BIRMINGHAM WB AIRPORT	81.1	1.3	96	8+	69	20	17		2.98	- 2.19	1.33	16				12	3	1
BIRMINGHAM WB CITY	81.7	1.5	97	27	68	20	23		4.27	- 0.90	1.39	17				13	4	1
CORDOVA	82.2M	2.9	98	9+			28		4.62	- 0.93	1.42	12				10	7	1
DECATUR	81.5	1.2	95	8+	69	24	20		2.43	- 1.92	1.04	13				11	2	1
FAYETTE	81.0	-	98	11	66	20	23		0.39	- 5.26	0.14	26				7		
GADSDEN	80.7	0.7	100	30	65	24	21		2.18	- 3.01	0.86	17				10	3	
GOODWATER	79.9	0.1	96	30	67	24+	16		5.45	- 0.71	1.20	16				13	6	1
HALEYVILLE	79.3	-	92	9+	68	23+	8		7.06	-	1.97	14				13	9	2
HUNTSVILLE	80.4	-	95	27+	66	31	17		2.29	- 2.40	0.90	6				12	3	
LOCK NO 4	80.9M	0.9	98	29	65	17+	24		1.12	- 4.13	-					6		
MADISON	79.5	- 0.3	96	5+	65	24	23		7.92	- 3.30	2.34	6				16		3
MUSCLE SHOALS	80.9	1.3	97	30	68	17	18		5.94	- 1.32	3.47	17				12	6	1
ONEONTA	80.6	3.2	98	30	65	24	21		3.50	- 2.91	2.00	17				7	4	1
ROCK MILLS	80.5	-	100	29+	66	22+	22		4.74	- 1.41	1.16	17				12	8	1
SAINT BERNARD	79.3M	1.1	95	7+	65	24	18		6.51	- 1.19	2.20	12				12	6	3
SCOTTSBORO	80.8	2.5	97	29	67	20+	23		3.83	- 1.14	1.10	17				12	5	1
TALLADEGA	81.8	1.7	99	27	67	29	23		2.47	- 2.89	0.70	23				9		
TUSCALOOSA AIRPORT	82.5	1.1	99	29+	68	20	28		2.60	- 2.89	0.79	15				14	3	
UNIVERSITY	82.1	0.7	97	6+	69	20	23		2.38	- 3.11	0.60	15				10	5	
VALLEY HEAD	78.5	1.2	95	29+	64	27	12		3.60	- 3.59	0.87	16				6	5	
DIVISION	80.7								3.75									
MIDDLE DIVISION																		
ALEXANDER CITY 6 MILES NE	79.8	-	97	30	66	23+	18		6.69	-	3.72	15				13	6	1
AUBURN	79.4M	- 0.5			65	24			6.23	- 2.89	1.76	16				16	9	2
CENTREVILLE	-	-	99	10+			24		-	-	-							
CLANTON	81.0	0.9	98	30+	68	20	20		7.54	- 1.74	2.20	16				14	9	2
DAYTON	81.7	-	96	10+	69	19+	23		5.34	-	0.90	16				17	10	
EUFULA	82.1	1.3	101	6	68	24	21		5.67	- 0.49	1.61	30				16	7	1
GREENSBORO	82.1	1.5	98	9+	70	2+	24		5.26	- 0.01	1.89	2				12	3	2
GREENVILLE	81.0	1.1	97	30	69	17+	17		10.27	- 4.38	2.26	3				15	9	3
HIGHLAND HOME	79.9	- 0.1	95	30	67	4	16		8.41	- 2.54	1.60	23				15	9	3
LA FAYETTE	79.5M	-	96	29+	66	23	19		10.78	-	2.89	15				15	9	3
LIVINGSTON	81.5	0.3	97	10	70	19+	19		5.70	- 0.25	1.32	1				14	6	1
MAXWELL FIELD	82.7	-	98	30	71	24	22		8.74	-	4.68	15				14	6	2
MONTGOMERY WB AIRPORT	81.8	-	98	29+	70	2+	19		6.93	-	1.41	15				15	10	2
MONTGOMERY WB CITY	81.6	- 0.1	98	29+	70	24	17		9.00	- 4.14	3.58	15				16	7	2
PRATTVILLE	81.9	- 1.8	98	30	69	25	22		5.62	- 0.17	1.48	15				16	6	1
PUSHMATAHA	80.4	- 0.2	95	1+	68	20+	14		4.75	- 1.10	1.62	16				9	8	1
SELMA	81.3M	- 0.3	95	29+	70	4+	14		5.78	- 0.66	-					14		
THOMASVILLE	81.1	0.2	97	7	69	20+	20		9.17	- 3.15	2.52	23				12	11	2
TROY	80.7	0.1	98	31	68	24+	18		6.43	- 0.73	1.68	31				15	6	3
TUSKEGEE	79.6	- 1.3	96	29+	66	22+	20		10.49	- 5.67	-					21		
UNION SPRINGS	80.1M	- 1.0			66	24			7.87	- 2.82	2.53	18				13	6	3
WETUMPKA	81.8	0.1	96	29+	70	25	20		9.14	- 4.32	2.40	16				11	6	4
DIVISION	81.0								7.42									
SOUTHERN DIVISION																		
ANDALUSIA	80.7	-	96	31	69	4+	16		6.27	-	1.10	16				15	9	1
ATMORE STATE FARM	81.9	-	99	7	70	16+	20		7.65	-	1.85	12				17		
BAY MINETTE	80.2	- 0.3	96	30	69	20	16		11.12	- 2.72	1.86	23				22	13	4
BREWTON 3 MILES SSE	80.6	- 0.5	98	30	67	20+	18		11.88	- 5.03	1.92	12				18	15	4
CITRONELLE	80.2	- 0.7	95	9	70	3	11		6.00	- 1.47	1.36	3				13	7	1
DOTHAN CAA AIRPORT	81.0	-	99	30	68	3+	20		9.38	- 3.46	2.36	15				20	12	3
EVERGREEN	80.8	0.1	96	30	65	2	22		9.18	- 3.08	1.68	16				13	9	4
FAIRHOPE	80.4	- 0.5	95	9+	69	1+	17		18.19	- 9.86	3.12	23				20	12	7
FORT MORGAN	81.4M	-	93	29	70	22			17.40	-	4.83	22				12	9	3
FRISCO CITY	80.9	-	100	31	69	20+	18		10.41	- 4.41	1.95	16				16	14	2
GENEVA	81.0	-	99	31	67	19+	24		6.04	- 0.04	0.89	18				18	11	
LOCKHART	80.0	-	98	31	65	23	16		10.75	-	1.18	6				18	14	2
MOBILE WB AIRPORT	80.4	-	95	30	69	17	15		19.29	-	2.87	3				23	15	7
MOBILE WB CITY	81.9	- 0.5	96	29	72	3+	18		18.35	- 11.46	2.52	15				22	17	9
OZARK	80.5	- 0.2	97	30	67	24	18		8.53	- 2.37	2.36	16				16	10	1
ROBERTSDALE 7 MILES E	79.6	-	94	29+	69	20+	12		17.23	- 7.71	2.67	23				22	14	5
SPRING HILL	81.0	0.3	97	10	68	2	19		21.27	- 12.36	4.19	13				20	13	8
DIVISION	80.7								12.29									
STATE	80.8	0.5							6.71	- 1.15								

See reference notes following Station Index

ALABAMA
JULY 1949

Station

See reference notes following Station Index

Table 3-Continued

DAILY PRECIPITATION

ALABAMA
JULY 1949

Station	Day of month																															Total	
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
MIDWAY		.09								.25	.05		.82	.10	1.00	.32	.83	.41		.12		.08	.78							.62	5.45		
WILLERS FERRY			.60								.31	.08		.10	.72	.28	2.18	1.10				.16	.46					.22			7.06		
WILSTAD	.23		1.43								.10	.10	.16	.08	.44	2.44	.08	1.40	1.82	.27	T	T	.42	.42	T						9.37		
MITCHELL DAM			.51				.61					1.65	.90	.16	.05	.99	.15	1.97	.05	.91			.05	.02				.14			8.16		
MOBILE WB AIRPORT	.67	.21	2.87			.02			2.47	.93	1.37	1.96	.28	1.01	1.06	.18	2.74	.84		.01	.02	.84	.53	.07	.02	T	.61	.51	.07		19.29		
MOBILE WB CITY	Z	.43	1.00	1.89		.31	.19	.18	T	.20	1.57	.28	.49	1.84	2.52	.54	.42	.14	T	T	.67	1.09	2.07	.03	.34	T	T		1.23	1.1218	3.35		
MONTE SANO		.03	.23								1.90	.15	.39	.30	.07	.36	.05	.07													.09	3.60	
MONTEVALLO											.33	.10	.10	.48	.50	.10								1.42							3.03		
MONTGOMERY WB APT	Z	T	.46	.03		.03		.46			.64	T	.07	.26	1.41	.73	1.15	T	.69	T	.04	.45	.50							.01	6.93		
MONTGOMERY WB CITY	Z	T	.76	.05	.07			T	.45		.20	.01	.03	.92	3.58	.66	1.52	T	T	.02	.08	.09	.05	T							.51	9.00	
MOULTON	R	.25	.01				.55		.10	.03	.02	.36	.40	.17	.01		.17	3.47	.20	T						.02	.08	.10	.31		1.75		
MUSCLE SHOALS																															5.94		
NEW BROCKTON		.10	.03					.89				.76	.27	2.27	.69		.11				.22	.31	.84				.23		.29		.56	.05	
NEWBURN							.36			.62	T		.35	.45	.10	1.30	.10	.25						.30								.07	3.90
NEW MARKET																																1.08	6.31
ONEONTA		.13	.19								.12	.62			1.02	.61	1.92	.06	.38					.18							.32	3.50	
OBRYVILLE		1.98		1.10		.85							.14				2.00	.18	.08	1.95					.75	.15							
OZARK		.77	.17	.77		.08										.97	2.36	.54	.23		.03	.50	.33	.06				.74				.38	8.53
PAINT ROCK	R	.84	.02			.05			.70		1.81		.08			.05	.41		.02			.10	.08		.08					.10		4.34	
PAIMERSDALE			.65	.25		.83			1.50		.12				2.61		1.73			.50		.97										6.59	
PERRAVILLE										.12	.58		.62	.78	1.37	.98	.29	1.75		.35	.10	.28	.24	.86				.13			.04	8.33	
PETERMAN	R	.65	.11		.62	.19		.02				2.38	1.20		.25	.20	.28	.15		.06	.17	.20	.03	.10	.30							5.60	
PICKENSVILLE		.74							.05						.25	1.2	2.00	.32	.48	.12	.06	.17	.20	.03	.15		.25	.81	.14			.69	7.56
PINE HILL		.20	.83	.20																													
PINE LEVEL	R		.35		.30			.35		1.35	2.80		.08	.45	1.10	.42	1.02	.26			.53	.14	.34	.30								9.79	
PLANTERSVILLE					.10	.40			.10	.08	.40	.42			1.40	.68	.40		.70	.10	.15		.20									5.53	
PLEASANT GROVE SCH		.34	.67	T		.62	.93			1.20	T	1.45	2.52	.20	.07	.97	.22	T	.02				.05	.23								.5410	0.03
PLEASANT HILL	R																																
PRATTVILLE		.04						.22	.25		.24	.08	.80	1.48	.48	.95	.06	.09		.10	.24	.35						.07				.17	5.82
PRIMROSE FARM			2.41		.15			.06	.12		.51	T	.08	.34	.35	2.05	.78	.72	T		.05	.02	.14									8.29	
PRISMATAHA		.29	.33									2.48		.09	T	1.62		.39		T	.68		.26									4.75	
RED BAY		.83				.32					1.26	.33	1.10	.30	2.54	.64					.19	.98	.46	.34	T							4.58	
RIVER FALLS		.02	.39		.04		.13	.01		.28	.34	.06	.42	.78	2.14	.72		.11		.16	.70	.63	.07		.06		.19					10.55	
RIVER FALLS 2 MI NE																																.08	7.34
ROBERTSDALE 7 MI E		.83	1.75	2.48	.11			.13	2.22	.26	.05	.48	.16	.45	.44	.99	.01	1.89	.11	.77	.27	2.67	.02				.95		.19			17.23	
ROCK MILLS		.38			.55						.11		.06	.40	.31		1.16	.93	.10	.40			.04	.30								4.74	
SAINT BERNARD		.08	.03	.15			.02				2.20	1.71		.51	1.20	.25	.03						.02	.31								6.51	
SAND MTN STA FHM AP		.13	.08	.02	.02	1.29	.31		.69	1.13	.25	.33	.03	.04	.37	2.30					.42			.43								5.57	
SAVRE											.07	.01	.04		1.01	1.72	.02	T					.30									5.48	
SCOTTSDALE		.50			.06			.20	.13	.38	.22	.33			.05	1.10		.76		.32					.05							.03	3.83
SCOTTSDALE SUBSTA		.58			.07				.03	.02	.58	.05		.27		.42	1.04	T														10	3.48
SEALE 7 MILES WNW																																	
SELMA		.54	.48	.16		2.02	T					.22	.04	.07	.68	.22	.25	T		T	.15	.76					.19					5.78	
SHEPHERD TVA NRSY		.42	.49					.20								.55	.36	.44														4.18	
SHOEMAKER SPRINGS	1.79	.35							.98	.92	1.53	.65		.94	1.14								.21									8.58	
SLOCUMB	.84	.99							1.19	.09	.55	.99	1.08	1.15	.71					.28		1.07										.97	9.91
SNOW HILL				.35		.41			.19	.21	.02	.31		.78	.45							.34										2.75	
SOUTH HILL	.18	.10			.62				1.02	1.32	.82	.31	.13	.59	.85	.03					.08	.92	1.23	.03	.03	.09		.14	T	.40		6.25	
SPRING HILL	T	.53	2.63	2.87				T	1.82	1.80	4.19	1.15	.16	.81	.78	1.48	.08				.08	.92	1.23	.03	.03	.09		.14	T	.40		21.27	
SWAIM	.39	.22			.36				.30					.79	.97	.06	.74	.34	.04								.24					4.45	
SYLACAUGA				1.03	.11				.48	.33	.10		.19	1.06	.42	.12			.36					.34								4.54	
SYLVANIA		.16			.10	.15			.22	1.10			.64	.12	1.03	.22																3.74	
TALLADEGA					.03				.05	.02	.14		.15	.68					.20			.50	.70									2.47	
TALLADEGA HRN MT TR		.10						.30	T	.82	.12		.47	.30	.66					T				.15								18	3.10
THOMASVILLE		.28	.77							.65	.38	.68	1.75	.44						.28		2.52		.44			.15					9.17	
THORSBY 1 MILE SW	R							.03	1.08	1.21		.83	.82		1.11	.69	.33		.03	.48												.82	13
THURLOW DAM			.39						.06				.07	.66	2.19	.72	.80	.49	.45	.22		.83	.16									7.04	
TONEY	R								.51	1.57	1.17	.45	.51		.19				.03													5.50	
TRAFFORD	Z	.16					.37					.44		.25	1.55		1.65										.86					4.42	
TROY	Z		.01	.43		.18					1.40		.22	.02	.55	.08	1.15	.02			.20	.19	.03	.27								1.68	6.43
TUSCALOOSA AIRPORT		.75	.04		.24				.24	.01	.05	.11	.12	.68	.15	.55		T			.02	.04	.06	.32				.13				2.60	
TUSCALOOSA LCK DAM							.03			.32									.46			.09	.12	.16								3.68	
TUSKEGEE	1.84	.14	.08		.04	.02		.10	.19																								

HOURLY PRECIPITATION

ALABAMA
JULY 1949

Table 4

Station	A M Hour ending												P M Hour ending												Total
	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	
-1st-																									
ATMORE STATE FARM															.03										.03
BELGREEN																					.02				.02
BERRY																				*	*	*	*	*	*
BEKAR 2 MILES SE																						.01	.41	.01	.43
CAMPBELL																									
DOTHAN CAA AIRPORT																		.02	.03	.01					.06
FLAT ROCK																							.09	.04	.13
FORT MORGAN //																				.01	.02				.03
FORT PAYNE																							.09	.01	.10
HALEYVILLE																					.11		.01	.01	.13
LOCK NO 1 //															.05										.05
MOBILE WB AIRPORT 6															*	*	*	*	.60	*	*	*	*	*	*
MOBILE WB CITY																	.12	.31							.43
MONTGOMERY WB AIRPORT 6	.10																								
MUSCLE SHOALS 6																				*	*	*	*	*	*
NEW BROCKTON																									
PAINT ROCK													.11	.33									.40		.84
PLEASANT HILL																.02									
RIVER FALLS 2 MILES NE																									.02
VERNON																									
-2d-																									
ABBEVILLE													.11	.02				.01	.01						.15
ATMORE STATE FARM														.14	.01										.15
BERRY														*	*	*	*	1.53							1.53
BEKAR 2 MILES SE														.01	.01										.02
DADEVILLE NO 2																		.39	.02				.01	.01	.44
DOTHAN CAA AIRPORT										.15	.30	.01		.10	.10	.04	.01	.02		.01					.72
EUTAW LOCK NO 7																			.31	.05				.01	.37
FORT MORGAN //									.11	.30		.04				.02		.15	.05			.01		.24	.72
GREENVILLE NO 2																2.60	.30	.15	.05						3.10
GUNTERSVILLE REC	.20															.03									.23
HALEYVILLE																.06									.06
LAY DAM																			.16	.01					.17
LOCK NO 1 //															.09	.21	.11	.03							.44
MAGNOLIA																.31	.06								.37
MARION 1 MILE SSE													1.05	.08											1.13
MIDWAY																.02	.07								.09
MOBILE WB AIRPORT 6	.07																			*	*	*	*	*	*
MOBILE WB CITY												.83				.09	*	*	.41	.01	*	.07	*	*	1.00
MONTGOMERY WB AIRPORT 6														*	*		*	*		*	*	*	*	*	*
MONTGOMERY WB CITY																.41	.22	.06	.07						.76
MUSCLE SHOALS 6	.25																								
PAINT ROCK	.02																								.02
PETERMAN														.32	.28	.04	.01								.65
RIVER FALLS 2 MILES NE													.02			.28	.08		.01						.39
THORNSBY 1 MILE SW																									
TROY															.33	.04	*	*							
TUSCALOOSA AIRPORT 6														*	*	*	*		.04						.37
-3d-																									
ADDISON															.01	*	*	*	.01	.01					.03
ANNISTON WB AIRPORT 6		*	*	*	*	*		.05						*	*	*	*	*	.32						
ASHLAND //								.12	.01																.13
ATMORE STATE FARM					.01	.01		.15	.02			.03			.02										.24
BEKAR 2 MILES SE																		.02	.16						.18
DADEVILLE NO 2												.01		.11	.01										.13
EUTAW LOCK NO 7						.02	.02						.11	.01											.09
FORT MORGAN //	.01										.34	.01	.04					.01	.01		.23	.02	.01	.01	.62
GARDEN CITY															.04	.01		.01							.06
GREENVILLE NO 2												.41		.01	.13										.42
HALEYVILLE																			.53				.01		.67
JACKSONVILLE												.11													.11
LOCK NO 1 //				.01	.01	.12	.01	.37	.09	.16	.01		.01	.08	.03										.90
MAGNOLIA									.03	.02															.85
MOBILE WB AIRPORT 6	.21	*	*	*	*	*		.96	*	*	*	*	1.54	*	*	*	*	*	.37						
MOBILE WB CITY	.01		.02	.01		.04	.13	.24	*	*	*	.39	.79	.01	.04	.01		*	*	*					1.69
MONTGOMERY WB AIRPORT	.05														*	*	*	*	.03						.05
MONTGOMERY WB CITY										.03	.06	.01						.01							.11
PETERMAN												.01	.01						.01	.01					.04
TRAFFORD																									
-4th-																									
FORT MORGAN //																									.01
LOCK NO 1 //	.01																				.14	.01			.15
-5th-																									
ABBEVILLE																		.26							.26
BIRMINGHAM WB CITY																		.01							.01
BOAZ										.01		.01	.03	.05											.07
DADEVILLE NO 2																									.03
DOTHAN CAA AIRPORT												.07													.07
GREENVILLE NO 2																.50	.03	.02							.55
JACKSONVILLE																							.05	.01	.10
LAY DAM																.02					.04				.02
MAGNOLIA										.03	.02														.05
MARION 1 MILE SSE															*	*	*	.03							.03
MONTGOMERY WB AIRPORT 6															*	*	*	*	.03						
MONTGOMERY WB CITY																.07									.07
PETERMAN																		.55	.04	.02	.01				.62
RIVER FALLS 2 MILES NE																		.04							.04
THORNSBY 1 MILE SW																									
TROY														.05						.01	.09	.02		</	

ALABAMA
JULY 1949

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ALABAMA
JULY 1949

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ALABAMA
JULY 1949

[illegible]

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ALABAMA
JULY 1949

ALABAMA
JULY 1949

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ALABAMA
JULY 1949

Table 4-Continued

Station	A M Hour ending												P M Hour ending												Total
	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	
EUTAW LOCK NO 7																									.07
FORT MORGAN //	.33	.25	.18	1.11	.26	.31	.34	.07	.17	.14	.02		.01	.01			.04	.03							3.20
GARDEN CITY																	.05		.17	.14				.36	
GUNTERSVILLE REC																		.18			.41	.07	.03	.69	
HUNTSVILLE 6	.04																							.17	
LAY DAM																	.06		.11					.41	
LOCK NO 1 //				.04	.06	.18	.09		.01	.02	.01						.12	.01						.22	
MAGNOLIA						.09											.11	.01						.12	
MARION 1 MILE SSE							.32	*	*	*	*	.09	.07	.07	.01	.01	.18	.33						.76	
MIDWAY	.10	*	*	*	*	*	.32	*	*	*	*	*	.09	.07	.07	.01	.01	.18	.33					2.07	
MOBILE WB AIRPORT 6	.54	.08	.43	.29	.17	.18	.17	.08	.06	.05	.02									.50					
MOBILE WB CITY																			.01	.01					
MONTGOMERY WB AIRPORT 6				.01													.02	.01	.01						
MONTGOMERY WB CITY																.63	.11	.09						.84	
NEW BROCKTON																						.08		.08	
PAINT ROCK																.18	.06							.24	
PETERMAN				.01	.04	.02													.05	.30	.03			.07	
RIVER FALLS 2 MILES NE																						.11		.38	
THORSBY 1 MILE SW																								.11	
TONEY																								.25	
TROY																.21	.03	.01		.06					
TUSCALOOSA AIRPORT 6																.04		.02						.06	
UNIVERSITY																		.02							
-24th-																									
ABBEVILLE																	.02	.02						.04	
ANNISTON WB AIRPORT 6	.02																								
BEXAR 2 MILES SE											.01		.02	.02	.02	.01								.08	
DADEVILLE NO 2										.01	.01													.02	
EUTAW LOCK NO 7																				.05	.10				

ALABAMA
JULY 1949

Table 4-Continued

[illegible]

Table 5

Station		Day of month																																			Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31					
ALBERTVILLE 1 MI S	MAX MIN											71	72	72	72	72	72	72	68	69	69	69	68	69		67	68	69	70	71	67	68					
ALEXANDER CTV 6 NE	MAX MIN	91 89	89 68	91 68	93 69	91 73	92 73	94 68	70	95 71	92 72	90 71	89 72	89 73	87 74	86 73	82 71	81 71	82 69	88 68	87 69	89 67	91 67	90 66	88 67	91 66	91 66	94 63	93 69	93 67	96 71	97 70	93 69	90 68			
ANDALUSIA	MAX MIN	94 71	90 71	82 71	88 69	93 75	92 74	90 73	92 74	94 73	93 74	93 73	87 74	88 73	85 72	84 72	81 70	86 72	87 70	86 72	90 70	87 71	85 71	88 69	88 69	90 70	91 70	89 73	89 73	92 74	95 73	96 71	88 68				
ANNISTON WB AIRPORT	MAX MIN	87 70	88 69	89 70	92 70	91 71	93 74	94 71	95 71	90 71	89 73	90 72	85 73	87 73	88 73	80 72	82 71	84 70	87 70	89 68	88 70	91 71	92 70	90 68	90 66	94 68	95 67	96 68	98 70	97 69	91 69	93 69	90 68				
ATHORE STATE FARM	MAX MIN	93 73	86 73	84 73	94 71	95 74	93 74	99 75	95 76	96 75	95 73	84 75	82 73	85 73	88 73	89 75	85 70	85 72	90 72	92 70	93 72	88 72	88 70	85 72	92 72	92 71	95 70	96 73	92 74	97 74	98 73	93 72	91 72				
AUBURN	MAX MIN	92 70	86 68	88 68	90 69	93 73	93 72	93 69	91 71	95 72	95 69	93 71	91 72	87 71	85 72	84 70	80 69	84 68	81 69	83 68	88 69	88 68	88 68	90 69	87 67	91 67	94 69	94 68	96 69	97 71	98 70	98 69	95 68				
BAY MINETTE	MAX MIN	92 72	84 72	82 71	92 73	92 74	93 72	94 74	92 73	95 74	90 73	93 70	83 74	84 73	85 72	84 72	83 70	82 71	89 71	90 69	90 71	84 69	80 70	87 70	87 72	91 71	87 70	94 73	95 74	96 73	97 72	98 71	88 69				
BIRMINGHAM WB APT	MAX MIN	87 72	89 72	89 71	92 70	94 71	94 73	95 73	96 74	91 76	90 75	90 73	86 73	86 74	88 74	82 74	81 70	84 70	87 70	89 70	89 69	91 71	91 71	91 70	91 70	91 71	94 70	94 71	96 73	96 72	97 73	97 72	91 69				
BIRMINGHAM WB CITY	MAX MIN	90 71	91 72	91 71	93 71	96 73	94 74	95 73	95 74	95 76	96 74	92 73	88 73	88 73	87 74	84 75	80 70	84 69	88 70	89 68	90 71	90 71	92 69	91 71	91 69	94 70	94 70	97 73	95 74	96 73	91 72	91 72	91 69				
BREWTON 3 MILES SSE	MAX MIN	92 71	85 72	84 71	95 68	94 72	94 68	94 71	95 72	95 71	94 72	86 73	88 73	87 72	88 71	85 71	80 69	84 69	91 71	92 69	89 71	85 69	87 6														

See reference notes following Station Index

DAILY TEMPERATURES

Table 5-Continued

ALABAMA
JULY 1949

Station		Day of month																															Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
HIGHLAND HOME	MAX MIN	84 70	85 70	90 68	90 67	89 74	90 72	92 72	92 73	93 72	90 71	92 71	86 73	87 73	87 72	84 70	84 70	82 69	85 70	88 72	83 70	86 69	87 69	90 69	88 68	90 68	92 67	90 71	94 69	94 69	95 68	88 72	88.7 71.0
HUNTSVILLE	MAX MIN	87 72	88 70	89 74	91 72	93 71	93 73	93 72	94 72	93 74	91 74	89 79	86 73	82 73	83 74	89 72	81 74	83 70	88 72	89 69	90 72	90 71	91 68	89 68	91 67	92 69	95 69	95 69	90 71	86 66	89.5 71.2		
LA FAYETTE	MAX MIN	86 69	90 68	92 68	90 70	91 70	91 71	95 69	94 71	93 73	90 70	87 70	88 71	87 70	83 71	85 71	81 70	82 70	86 67	89 68	85 68	89 68	90 68	90 67	91 66	90 66	92 67	92 68	93 69	92 70	96 71	89.6 69.4	
LIVINGSTON	MAX MIN	90 72	89 72	84 71	91 72	93 73	94 73	94 75	95 75	97 74	95 74	89 73	90 74	90 73	79 72	81 74	83 70	89 72	93 70	91 72	87 70	89 72	86 73	86 73	89 71	91 80	92 74	90 72	95 73	95 74	93 72	90.1 72.5	
LOCKHART	MAX MIN	93 69	90 71	83 70	84 68	92 73	90 68	91 70	92 72	95 71	93 72	93 71	88 72	85 70	89 71	85 68	86 68	85 68	84 68	88 68	85 67	87 69	88 70	88 69	91 69	92 70	94 73	92 70	96 71	98 75	89.5 70.5		
LOCK NO 4	MAX MIN	89 71	90 70	90 69	92 72	92 72	93 72	96 71	95 72	95 73	94 74	92 74	87 74	86 76	90 75	88 72	82 65	88 69	90 68	90 68	91 68	94 68	93 65				97 67	97 67	98 70	95 72	91 70	91.4 70.4	
MADISON	MAX MIN	89 68	91 67	91 68	93 69	96 69	94 69	93 69	96 71	93 71	92 69	91 71	85 70	81 69	84 70	91 69	81 67	81 68	89 66	91 66	92 67	93 67	92 66	90 65	91 66	94 67	96 68	96 68	96 69	93 69	86 67	90.7 68.2	
MAXWELL FIELD	MAX MIN	89 75	87 72	90 72	93 73	92 76	94 75	95 76	95 77	96 77	90 76	93 75	89 74	88 76	89 74	86 72	86 72	82 72	90 74	88 72	91 73	88 70	91 72	92 71	92 71	94 75	94 76	92 74	97 76	98 77	91.2 74.2		
MOBILE WB AIRPORT	MAX MIN	92 73	86 72	81 70	90 72	93 73	94 74	94 74	95 75	93 73	92 73	89 74	83 73	88 75	85 73	83 74	85 69	89 71	89 71	90 70	87 72	80 71	81 70	88 71	86 70	90 71	92 73	93 71	95 74	90 72	88.4 72.4		
MOBILE WB CITY	MAX MIN	94 74	88 74	80 72	91 74	95 76	95 76	96 78	90 77	94 78	93 78	86 76	86 77	83 74	86 74	83 72	82 70	92 74	92 71	87 73	80 73	87 70	82 73	88 73	88 74	90 76	91 74	92 76	94 74	92 75	92 74	89.3 74.5	
MONTGOMERY WB APT	MAX MIN	87 73	88 70	88 72	94 72	95 76	92 74	95 75	93 76	93 74	93 73	90 73	88 73	89 75	86 74	85 72	84 71	88 72	91 72	86 70	89 71	90 70	91 70	89 70	92 72	93 74	93 74	98 73	98 76	93 77	90.9 72.7		
MONTGOMERY WB CITY	MAX MIN	86 74	86 71	89 71	93 76	93 74	91 76	93 75	90 76	92 77	90 76	88 73	88 73	87 75	85 72	83 72	82 72	88 72	90 72	86 72	88 72	89 72	91 72	89 72	92 74	94 74	92 75	92 75	98 77	92 77	89.8 73.4		
MUSCLE SHOALS	MAX MIN	90 71	89 72	88 73	94 71	94 71	94 73	91 73	93 75	93 74	88 72	88 75	85 72	91 74	85 72	83 71	83 69	92 70	89 69	89 70	89 71	89 70	88 70	86 70	92 71	94 72	94 72	96 70	97 72	90 71	91.6 71.6		
ONEONTA	MAX MIN	92 71	89 70	88 68	89 74	94 73	96 72	97 69	97 72	94 73	95 72	96 73	86 73	86 72	87 72	88 70	79 68	85 68	88 68	90 66	90 66	90 66	93 66	92 66	91 66	94 67	95 68	96 69	96 69	98 70	96 69	91.7 69.4	
OZARK	MAX MIN	88 71	86 70	88 68	90 74	90 74	93 74	92 74	94 74	93 73	93 73	92 73	87 73	85 71	80 72	85 69	85 70	88 69	87 69	87 70	87 69	90 69	90 67	89 69	91 71	92 71	92 71	93 71	94 74	97 74	89.5 71.4		
PRATTVILLE	MAX MIN	93 75	89 73	90 71	94 75	92 75	95 74	95 73	91 74	91 75	91 73	91 72	94 74	85 73	84 73	83 70	89 71	87 73	89 70	89 72	90 71	91 71	91 70	91 69	93 71	93 71	92 73	93 72	97 74	98 74	91.0 72.7		
PUEBLO	MAX MIN	95 71	92 69	91 69	91 70	87 72	93 72	93 71	93 74	94 76	93 74	95 73	86 72	84 74	86 74	84 71	83 70	89 68	91 69	87 68	84 68	85 71	87 71	87 70	86 68	88 67	88 67	86 67	92 68	92 68	89.0 71.7		
ROBERTSDALE 7 MI E	MAX MIN	91 71	85 72	83 71	89 72	93 72	91 73	92 72	90 73	93 72	89 72	90 72	85 72	86 74	84 73	82 72	86 70	77 69	89 70	89 69	88 69	85 69	82 69	79 71	86 71	86 71	86 71	91 73	91 73	94 71	87.6 71.5		
ROCK MILLS	MAX MIN	90 68	92 69	92 68	91 72	93 70	92 69	96 71	94 73	95 72	94 72	94 72	86 74	82 74	82 70	82 71	87 70	87 69	89 67	87 67	91 66	91 66	92 66	92 66	94 66	96 66	95 66	95 66	100 69	100 69	91.5 69.5		
SAINT BERNARD	MAX MIN	91 69	88 69	87 67	89 68	92 69	94 69	95 69	94 71	95 70	94 71	94 70	85 71	83 70	85 71	87 69	79 68	87 68	85 68	90 68	90 68	91 68	91 66	89 66	89 66	93 66	93 66	94 66		93 68	90.0 68.5		
SCOTTSBORO	MAX MIN	89 70	89 68	90 69	93 72	94 72	94 71	96 72	92 73	90 73	91 72	90 72	87 73	84 71	92 72	84 68	85 68	89 67	91 68	90 68	93 68	94 68	91 68	93 68	91 68	93 68	95 68	96 68	96 70	92 71	91.2 70.3		
SELMA	MAX MIN	88 73	88 72	87 71	91 70	93 72	90 74	92 74	93 75	92 76	92 77	89 73	88 73	87 74	86 73	85 70	87 73	87 70	87 73	87 72	88 72	88 71	87 72	88 71	90 71	91 71	92 72	92 72	95 74	95 75	89.6 72.9		
SPRING HILL	MAX MIN	94 73	94 68	88 72	90 70	90 74	94 75	94 75	96 75	92 76	90 76	87 74	84 73	82 73	82 73	81 71	87 70	89 70	89 73	90 70	86 73	89 70	86 70	89 70	89 73	87 72	92 71	91 75	94 76	96 74	91.2 72.8		
TALLADEGA	MAX MIN	88 71	89 69	89 70	93 68	93 72	94 72	95 72	93 71	93 73	92 73	88 72	88 73	80 71	82 70	86 69	94 73	96 73	96 71	95 73	95 72	94 72	94 69	96 69	99 69	99 68	96 67	97 67	97 67	95 71	92.4 71.2		
THOMASVILLE	MAX MIN	92 71	88 71	86 72	93 72	93 72	94 73	94 73	95 73	94 73	96 72	88 72	88 73	87 71	84 70	83 70	90 69	90 69	92 69	88 69	90 69	85 69	89 71	90 70	92 70	91 73	90 72	93 73	95 75	92 76	90.5 71.6		
TROY	MAX MIN	92 71	87 71	85 69	88 70	92 75	91 73	91 73	92 74	93 73	94 73	94 71	90 71	87 73	87 72	88 74	86 71	87 69	87 70	85 69	91 69	89 69	91 68	89 68	91 70	92 71	91 71	92 74	95 75	90.0 71.3			
TUSCALOOSA AIRPORT	MAX MIN	90 72	91 72	91 69	94 69	95 73	98 70	97 72	97 73	97 75	96 74	91 75	92 75	91 74	84 73	81 71	86 71	92 71	92 71	92 68	92 72	92 72	92 71	93 70	91 70	95 70	95 70	99 69	99 69	95 72	93.1 71.9		
TUSKEGEE	MAX MIN	92 69	87 68	91 68	91 69	92 73	94 70	93 72	92 72	90 72	91 72	88 71	87 72	86 71	81 68	84 68	82 68	86 68	90 68	89 68	88 68	89 66	91 66	90 66	93 66	93 66	96 69	96 69	93 71	90.0 69.2			
UNION SPRINGS	MAX MIN	86 69	89 69	91 68	92 68	93 74	95 71	93 71	95 71	93 73	92 72	94 71	87 71	84 70	85 72	82 69	85 68	88 69	89 68	90 68	91 68	91 66	91 66	91 66	94 66	94 66	94 70		98 70	90.3 69.8			
UNIVERSITY	MAX MIN	90 72	90 73	89 71	95 71	96 74	97 75	96 75	96 76	95 75	95 75	90 76	88 75	81 76	83 73	89 71	92 71																

EVAPORATION AND WIND MOVEMENT

Table 6

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STATION INDEX

 ALABAMA
JUNE 1949

Station	Index No.	County	Drainage	Latitude	Longitude	Elevation	Observer	Refer	Station	Index No.	County	Drainage	Latitude	Longitude	Elevation	Observer	Refer
ABBYVILLE	0008	HENRY	4 31 34	85 15			MID J. P. MITCHELL	3 4	LOCK NO 3	4840	CHOCOTAH	13 32 17	88 01				
ADDITION	0063	WINSTON	23 14 13	87 10			MID PALMER GOSNEY	3 4	LOCK NO 4	4845	TALLADEGA	33 38 36	87 11				
ADDITION CENTRAL TOWER	0071	LANPHEE	12 34 23	87 19		1500	LOCK J. P. S.	3 4	LOCK NO 17	4855	TUSCALOOSA	33 29 87	87 20				
ALABAMA STATE FARM	0117	LINCOLN	12 34 41	86 33		800	ALA. POLY. INST.	3 4	MADISON	4976	MADISON	33 42 86 45	87 3				
ALBANY	0140	WILCOX	32 14 27	85 23			LOCK S. J. HART, SR.	3 4	MADISON	4981	JEFFERSON	33 42 86 45	87 3				
ALBANYVILLE 1 MI S	0141	MARSHALL	34 16 16	85 18		1114	PAT M. COUGHLIN	3 4	MADISON	5004	MADISON	33 42 86 45	87 3				
ALBANYVILLE 6 MI NE	0163	TALLAPOOSA	31 32 59	85 52		660	GP P. E. BLACKBURN	3 4	MADISON	5108	PERRY	33 42 86 45	87 3				
ALBUQUERQUE	0178	PICKENS	33 08 11	86 30		346	GP W. W. W. GARRETT	2 3	MADISON	5140	TALLAPOOSA	33 42 86 45	87 3				
ALBUQUERQUE	0253	COWHATCH	31 19 56	85 30		724	GP U.S. WEATHER BUREAU	CLOSED 4/16/49	MADISON	5202	MONTGOMERY	33 42 86 45	87 3				
ALBUQUERQUE	0267	CALHOUN	7 33 40	85 30													
ANIMISTON WB AIRPORT	0272	CALHOUN	7 33 35	85 31			MID MID U.S. WEATHER BUREAU	2 3 4	MADISON	5354	CHOCOTAH	33 42 86 45	87 3				
ARLEY	0338	WINSTON	23 14 13	87 10			7A MRS. LESLIE HILLER	3 4	MADISON	5382	RIBB	33 42 86 45	87 3				
ARLEY	0346	CLAY	11 33 40	86 16		880	MID HARRY L. MC QUEEN	3 4	MADISON	5397	RIBB	33 42 86 45	87 3				
ARLEY	0377	ST. CLAIR	7 33 50	86 16			7A NORMAN H. PRICKETT	3 4	MADISON	5417	WILCOX	33 42 86 45	87 3				
ATHENS	0390	LINCOLN	12 34 41	86 33		709	7A TWA-62	3 4	MADISON	5427	WASHINGTON	33 42 86 45	87 3				
ATMORE STATE FARM	0403	ESCAMBIA	8 31 10	86 39		732	8A MRS. MARTHA I. MOORE	2 3 4	MADISON	5439	MADISON	33 42 86 45	87 3				
AUTUMN	0422	LEE	11 32 30	85 30			MID SCS	3 4	MADISON	5465	CHILTON	33 42 86 45	87 3				
AUTUMN SCS 10	0427	LEE	11 32 30	85 30			7A J. B. REIDGERS	3 4	MADISON	5478	MOBILE	33 42 86 45	87 3				
AUTUMN SCS 10	0440	AUTAUGA	12 34 43	87 52		463	7A TWA-462	3 4	MADISON	5483	MOBILE	33 42 86 45	87 3				
AUTUMN SCS 10	0546	CALHOUN	7 33 40	85 30													
AYR	0583	BALDWIN	9 30 53	87 47		268	7P GROVER W. WOODWARD	3 5	MADISON	5537	SHELBY	33 42 86 45	87 3				
BEATRICE	0616	WINSTON	13 11 44	87 13		910	7A W. P. DOWD	3 4	MADISON	5550	MONTGOMERY	33 42 86 45	87 3				
BEATRICE	0631	FRANKLIN	12 34 28	87 52			MID TWA-43	3 4	MADISON	5555	MONTGOMERY	33 42 86 45	87 3				
BEATRICE	0749	PAYETTE	2 33 40	87 36			MID MISS CLARA R. OLIVE	3 4	MADISON	5625	LABRACHE	33 42 86 45	87 3				
BEATRICE	0790	MADISON	13 12 41	86 09			MID W. H. WHITEHEAD	3 4	MADISON	5749	CALHOUN	33 42 86 45	87 3				
BELLINGHAM	0823	AUTUMN	12 34 41	86 33		810	7A LEONARD C. WILSON	2 3 4	MADISON	5842	COFFEE	33 42 86 45	87 3				
BIRMINGHAM WB AIRPORT	0831	JEFFERSON	33 42 86 45	87 3			MID U.S. WEATHER BUREAU	2 3 4	MADISON	5847	FRANKLIN	33 42 86 45	87 3				
BIRMINGHAM WB CITY	0836	JEFFERSON	33 42 86 45	87 3			7P MRS. CARBIE B. HORTON	2 3 4	MADISON	5862	MADISON	33 42 86 45	87 3				
BIRMINGHAM WB CITY	0840	CALHOUN	12 34 39	86 03		470	7A TWA-42	3 4	MADISON	5875	DALE	33 42 86 45	87 3				
BIRMINGHAM WB CITY	0957	MARSHALL	2 34 15	87 10			7A WILSON H. DOOLEY	3 4	MADISON	6121	BLOUNT	33 42 86 45	87 3				
BRANTLEY	1069	CHEROKEE	6 31 35	86 16		284	8A R. E. HENDERSON	3 4	MADISON	6161	DALLAS	33 42 86 45	87 3				
BRANTLEY	1073	CLAY	6 31 35	86 16		680	8A MRS. CLARA O. PEAY	2 3 4	MADISON	6226	JACKSON	33 42 86 45	87 3				
BRANTLEY	1099	JACKSON	12 34 56	87 44		515	SP MISS W. LUTWIGE JONES	3 4	MADISON	6246	JEFFERSON	33 42 86 45	87 3				
BRANTLEY	1102	CLAY	6 31 35	86 16		500	8A GED. L. RICES	3 4	MADISON	6262	PERRY	33 42 86 45	87 3				
BRANTLEY	1103	CLAY	6 31 35	86 16		500	8A J. B. HOLCOMBE	3 4	MADISON	6370	MONROE	33 42 86 45	87 3				
BRANTLEY	1104	CLAY	6 31 35	86 16		500	MID E. DOUGLAS REID	3 4	MADISON	6414	PICKENS	33 42 86 45	87 3				
BRANTLEY	1105	CLAY	6 31 35	86 16		500	7A MISS MARY C. RAY	3 4	MADISON	6414	PICKENS	33 42 86 45	87 3				
BRANTLEY	1106	CLAY	6 31 35	86 16		500	7A J. B. HOLCOMBE	3 4	MADISON	6414	PICKENS	33 42 86 45	87 3				
BRANTLEY	1107	CLAY	6 31 35	86 16		500	7A TWA-521	CLOSED 4/1/49	MADISON	6468	MONTGOMERY	33 42 86 45	87 3				
BRANTLEY	1108	CLAY	6 31 35	86 16		500	7A W. D. HOLLIFFIELD	2 3 4	MADISON	6508	DALLAS	33 42 86 45	87 3				
BRANTLEY	1109	CLAY	6 31 35	86 16		500	8A ALABAMA POWER CO.	3 4	MADISON	6526	DALLAS	33 42 86 45	87 3				
BRANTLEY	1110	CLAY	6 31 35	86 16		500	GP D. B. JONES	2 3 4	MADISON	6540	DALLAS	33 42 86 45	87 3				
BRANTLEY	1111	CLAY	6 31 35	86 16		500	7A J. B. HOLCOMBE	3 4	MADISON	6540	DALLAS	33 42 86 45	87 3				
BRANTLEY	1112	CLAY	6 31 35	86 16		500	7A EDWARD E. POPE	3 4	MADISON	6540	DALLAS	33 42 86 45	87 3				
BRANTLEY	1113	CLAY	6 31 35	86 16		500	7A J. B. HOLCOMBE	3 4	MADISON	6540	DALLAS	33 42 86 45	87 3				
BRANTLEY	1114	CLAY	6 31 35	86 16		500	7A J. B. HOLCOMBE	3 4	MADISON	6540	DALLAS	33 42 86 45	87 3				
BRANTLEY	1115	CLAY	6 31 35	86 16		500	7A J. B. HOLCOMBE	3 4	MADISON	6540	DALLAS	33 42 86 45	87 3				
BRANTLEY	1116	CLAY	6 31 35	86 16		500	7A J. B. HOLCOMBE	3 4	MADISON	6540	DALLAS	33 42 86 45	87 3				
BRANTLEY	1117	CLAY	6 31 35	86 16		500	7A J. B. HOLCOMBE	3 4	MADISON	6540	DALLAS	33 42 86 45	87 3				
BRANTLEY	1118	CLAY	6 31 35	86 16		500	7A J. B. HOLCOMBE	3 4	MADISON	6540	DALLAS	33 42 86 45	87 3				
BRANTLEY	1119	CLAY	6 31 35	86 16		500	7A J. B. HOLCOMBE	3 4	MADISON	6540	DALLAS	33 42 86 45	87 3				
BRANTLEY	1120	CLAY	6 31 35	86 16		500	7A J. B. HOLCOMBE	3 4	MADISON	6540	DALLAS	33 42 86 45	87 3				
BRANTLEY	1121	CLAY	6 31 35	86 16		500	7A J. B. HOLCOMBE	3 4	MADISON	6540	DALLAS	33 42 86 45	87 3				
BRANTLEY	1122	CLAY	6 31 35	86 16		500	7A J. B. HOLCOMBE	3 4	MADISON	6540	DALLAS	33 42 86 45	87 3				
BRANTLEY	1123	CLAY	6 31 35	86 16		500	7A J. B. HOLCOMBE	3 4	MADISON	6540	DALLAS	33 42 86 45	87 3				
BRANTLEY	1124	CLAY	6 31 35	86 16		500	7A J. B. HOLCOMBE	3 4	MADISON	6540	DALLAS	33 42 86 45	87 3				
BRANTLEY	1125	CLAY	6 31 35	86 16		500	7A J. B. HOLCOMBE	3 4	MADISON	6540	DALLAS	33 42 86 45	87 3				
BRANTLEY	1126	CLAY	6 31 35	86 16		500	7A J. B. HOLCOMBE	3 4	MADISON	6540	DALLAS	33 42 86 45	87 3				
BRANTLEY	1127	CLAY	6 31 35	86 16		500	7A J. B. HOLCOMBE	3 4	MADISON	6540	DALLAS	33 42 86 45	87 3				
BRANTLEY	1128	CLAY	6 31 35	86 16		500	7A J. B. HOLCOMBE	3 4	MADISON	6540	DALLAS	33 42 86 45	87 3				
BRANTLEY	1129	CLAY	6 31 35	86 16		500	7A J. B. HOLCOMBE	3 4	MADISON	6540	DALLAS	33 42 86 45	87 3				
BRANTLEY	1130	CLAY	6 31 35	86 16		500	7A J. B. HOLCOMBE	3 4	MADISON	6540	DALLAS	33 42 86 45	87 3				
BRANTLEY	1131	CLAY	6 31 35	86 16		500	7A J. B. HOLCOMBE	3 4	MADISON	6540	DALLAS	33 42 86 45	87 3				
BRANTLEY	1132	CLAY	6 31 35	86 16		500	7A J. B. HOLCOMBE	3 4	MADISON	6540	DALLAS	33 42 86 45	87 3				
BRANTLEY	1133	CLAY	6 31 35	86 16		500	7A J. B. HOLCOMBE	3 4	MADISON	6540	DALLAS	33 42 86 45	87 3				
BRANTLEY	1134	CLAY	6 31 35	86 16		500	7A J. B. HOLCOMBE	3 4	MADISON	6540	DALLAS	33 42 86 45	87 3				
BRANTLEY	1135	CLAY	6 31 35	86 16		500	7A J. B. HOLCOMBE	3 4	MADISON	6540	DALLAS	33 42 86 45	87 3				
BRANTLEY	1136	CLAY	6 31 35	86 16		500	7A J. B. HOLCOMBE	3 4	MADISON	6540	DALLAS	33 42 86 45	87 3				
BRANTLEY	1137	CLAY	6 31 35	86 16		500	7A J. B. HOLCOMBE	3 4	MADISON	6540	DALLAS	33 42 86 45	87 3				
BRANTLEY	1138	CLAY	6 31 35	86 16		500	7A J. B. HOLCOMBE	3 4	MADISON	6540	DALLAS	33 42 86 45	87 3				
BRANTLEY	1139	CLAY	6 31 35	86 16		500	7A J. B. HOLCOMBE	3 4	MADISON	6540	DALLAS	33 42 86 45	87 3				
BRANTLEY	1140	CLAY	6 31 35	86 16		500	7A J. B. HOLCOMBE	3 4	MADISON	6540	DALLAS	33 42 86 45	87 3				
BRANTLEY	1141	CLAY	6 31 35	86 16		500	7A J. B. HOLCOMBE	3 4	MADISON	6540	DALLAS	33 42 86 45	87 3				
BRANTLEY	1142	CLAY	6 31 35	86 16		500	7A J. B. HOLCOMBE	3 4	MADISON	6540	DALLAS	33 42 86 45	87 3				
BRANTLEY	1143	CLAY	6 31 35	86 16		500	7A J. B. HOLCOMBE	3 4	MADISON	6540	DALLAS	33 42 86 45	87 3				
BRANTLEY	1144	CLAY	6 31 35	86 16		500	7A J. B. HOLCOMBE	3 4	MADISON	6540	DALLAS	33 42 86 45	87 3				
BRANTLEY	1145	CLAY	6 31 35	86 16		500	7A J. B. HOLCOMBE	3 4	MADISON	6540	DALLAS	33 42 86 45	87 3				
BRANTLEY	1146	CLAY	6 31 35	86 16		500	7A J. B. HOLCOMBE	3 4	MADISON	6540	DALLAS	33 42 86 45	87 3				
BRANTLEY	1147	CLAY	6 31 35	86 16		500	7A J. B. HOLCOMBE	3 4	MADISON	6540	DALLAS	33 42 86 45	87 3				
BRANTLEY	1148	CLAY	6 31 35	86 16		500	7A J. B. HOLCOMBE	3 4	MADISON	6540	DALLAS	33 42 86 45	87 3				
BRANTLEY	1149	CLAY	6 31 35	86 16		500	7A J. B. HOLCOMBE	3 4	MADISON	6540	DALLAS	33 42 86 45	87 3				
BRANTLEY																	

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U. S. DEPARTMENT OF COMMERCE

CHARLES SAWYER, Secretary

WEATHER BUREAU

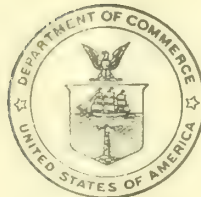
F. W. REICHELDERFER, Chief

CLIMATOLOGICAL DATA

ALABAMA

AUGUST 1949

Volume LV No. 8



A. R. Loag, Section Director - Montgomery

General Summary

The mean temperature and total average amount of rain for the month for the State were both not far from normal. Showers were frequent in most localities, however, but mainly light, and it became rather droughty in a few spots in the north. An unusual feature of the circulation was that the usually well defined summer monsoon did not completely establish itself, and a considerable portion of the light thundershowers accompanied weak cold fronts which moved unusually far south for the time of year. The easterly winds from the Atlantic which resulted from this abnormality brought considerable cloudiness and some rather light showers in addition to the ones associated with the fronts.

No unusually high temperatures occurred, but it was exceptionally cool from the 22nd to the 24th, when early morning minimums in the low sixties occurred all the way to the coast, and when readings below 60° were recorded at several stations in the north.

CROPS

Crops continued to make good progress except in a few of the drier northern areas, where it was too dry for corn and pasturage. Boll weevil activity has been high all summer, and at the end of August the yield prospects were poor to fair. Cotton picking began early in the month in the south. By the end of the month, this operation was half finished in the south and getting under way in the north. During the fourth week, when shower activity was light, considerable hay was cut and saved. Planting of winter grazing crops got under way during August, and a few of the earliest plantings began to come up.

LIGHTNING DAMAGE

On the 1st, at 4:00 p.m., a log tenant house on a dairy farm on the Seale road, near Phenix City, was struck by lightning and burned down. Damage was probably about \$500.

On the afternoon of the 8th, a farmer, Virgil Stephens, and a mule were killed by lightning while mowing hay near Fort Payne, in DeKalb County.

At 4:00 p.m. on the 19th, on the Atkins place at Martin Station, near Selma, lightning killed Jim Griffin, a negro herdsman. The barn which he was in at the time was destroyed by fire, with the loss of 50 tons of hay and some farm equipment. Property loss as given by the owner was \$5,000.

Lightning killed a woman about 20 miles west of Mobile early on the night of the 20th. Her name was not reported.

There were two reported cases of lightning damage on the 31st. At the Chisholm School, near Montgomery, a few asbestos shingles were knocked off the roof at 5:00 p.m. In Franklin County, the Rosewald School was burned down as a result of lightning late in the afternoon, with damage given as \$2625.

THUNDERSQUALLS

On the afternoon of the 20th, from around 2:30 to 3:00 p.m., at Sardis, southeast of Selma, in Dallas County, wind from a thundersquall destroyed a barn and killed a mule, with a total loss of \$400. At this time, Craig Field, at Selma, reported gusts up to 69 miles per hour. Other minor wind damage to buildings in this vicinity was reported, and damage to trees and telephone lines occurred over an area extending westward over portions of Hale, Marengo, and Perry Counties.

Over Mobile Bay, soon after sunset on the 20th, a thundersquall overturned some small skiffs, drowning four men, Glen Geiger, Alton L. Allen, Roland Horton, and Charles E. Moore.

At 5:00 p.m. on the 28th, in the municipal airport area of Birmingham, damage from a thunderstorm amounted to \$150,000. Of this damage, \$135,000 was by wind; and \$15,000 by water. Six C-46 Air Force planes were damaged \$100,000. Three civilian planes were damaged, some trees were blown down, and power lines broken. The storm moved from northwest to southeast, covering an area of about a half mile square.

On 3-mile creek, near Mobile, during the midmorning of the 29th, a thundersquall blew the pivot bridge open, stalling highway traffic for several hours.

Again at Birmingham, this time in the downtown area, at 10:30 to 11:00 a.m. on the 30th, a heavy local thunderstorm flooded stores, basements, and automobiles, with total damage estimated \$350,000. Some slight wind damage was also done. The storm moved from WNW to ESE, covering an area a half mile wide by 7 miles long. At the old city office of the Weather Bureau, 2.59 inches of rain fell in less than 40 minutes, and it is believed that this equalled the existing record of 2.48 inches in 30 minutes at that location.

TORNADO

On the 30th, an exceptionally rare summertime tornado of small diameter occurred on the Dalraida Road, east of Montgomery, a half mile south of the Gunter Field reservation. This tornado was seen to dip up and down a number of times, but actually reached the ground at only one spot, where, by coincidence, there was a dwelling. The fifty foot wide whirlwind lifted the entire roof and most of the ceiling from the house and scattered portions of various sizes over an area more than 200 yards long by 100 yards wide, fanning out in the direction of movement of the storm which was from NNW to SSE. As an indication that timbers were lifted a considerable height into the air, a 2 x 4 rafter, and other fragments, fell to the ground after clearing the tops of some fairly tall pecan trees 200 yards away.

Normally, when a vigorous updraft of warm air gets started in a summer air mass at this latitude, undercutting by the dry stratum of air aloft, which has been cooled by evaporation of water drops falling through it, precludes the possibility of the air on the ground rising in a straight up symmetrical column, so that tornado formation is not possible. Everyone is familiar with this cool wind which accompanies thunderstorms, and whenever a pickup of the wind sets in along with a drop in temperature, all danger of a tornado has passed. Anyone who has seen a dust whirl over a hot plowed field can see that in order for a tornado whirl to reach the ground, the air on the ground must be warm enough to take part in the updraft of air and in that way contribute to the whirl.

Shading of the ground by cloudiness in summertime causes ground cooling which also helps prevent tornado formation. During the regular tornado season which is late winter and early spring, a circulation pattern sometimes sets in over the Gulf and southern Mississippi Valley States which keeps the air on the ground as warm in proportion as the air at higher levels, despite ground shading by cloudiness. This same type of circulation largely does away with the dry layer of air which is normally a few thousand feet above the ground, so that the passage of showers causes little if any cooling. It is this kind of circulation that is favorable for tornado formation.

One of the things that made the above mentioned tornado possible was that it occurred in the initial stages of the rapid development of an isolated local and not very extensive thunderstorm, so that the cold squall wind did not advance in time to prevent the column of upflowing air from building down to the ground. Another factor favoring it was its development in bright sunshine where the surface air was warm in its path. Eye witnesses described the storm as being silhouetted against a clear background with yellow sunlight coming through it.

The tornado hit at about 4:20 p.m., CST, a few minutes ahead of the beginning of a moderately heavy shower, accompanied by the usual thunder. Soon after the tornado, the cumulonimbus cloud system spread out over a wide area at high levels, and the shower dissipated without apparently moving very far from its origin. Numerous other thundershowers built up soon afterward, and showers from 3:05 p.m. to 7:30 p.m. in downtown Montgomery yielded 1.47 inches of precipitation.

Damage done by this storm to the dwelling was \$3,000.

F. C. P.

ACKNOWLEDGMENTS

In addition to the climatological data from some 6,000 Weather Bureau and cooperative weather stations, this bulletin series contains records from Hydroclimatic Network Stations which were formerly reproduced in the Hydrologic Bulletin Series. The Hydroclimatic Network is a nationwide net of rain gages--mostly of the recording type which produce continuous records of precipitation. It was established in 1939 at the request of the Corps of Engineers, Department of the Army, to supplement existing precipitation stations in order to provide records of rainfall intensity which were essential to the planning of flood control and related works by the Corps of Engineers. This Network, now numbering about 2,000 recording, and 1,000 non-recording rain gages, has been maintained by the Weather Bureau through working funds transferred annually to the Weather Bureau by the Corps of Engineers. These transfers averaged about \$250,000 per year between 1940 and 1944, and nearly \$375,000 since that date. For the years 1940-42, the Department of Agriculture transferred about \$100,000 per year to provide data required in its work, and since 1947 the Bureau of Reclamation has transferred about \$25,000 per year to meet the increasing needs of their program in the western States.

Previous to the introduction of this bulletin series, data from Hydroclimatic Network stations were presented in bulletins (Hydrologic Bulletins) which were issued monthly for each of 8 drainage areas embracing the entire United States, but since the Network was established to meet the internal requirements of the Federal agencies referred to above, no provision was made for public dissemination of the data, distribution being limited to cooperating agencies and to certain public repositories. A list of locations where reference copies of the Hydrologic Bulletin Series are available for inspection may be obtained upon application to Chief, U.S. Weather Bureau, Washington 25, D.C.

Many other records published in this bulletin have been made available through the cooperation of various public offices, private agencies, and individuals as listed in the Station Index.

PRESSURE, WIND, HUMIDITY, SUNSHINE, DEGREE DAYS

ALABAMA
AUGUST 1949

Station	Sea level pressure extremes— <i>inches</i>				Wind speed— <i>m p h</i>				Relative humidity averages— <i>percent</i>				Sunshine	
	Highest	Date	Lowest	Date	Average	Maximum	Direction of maximum	Date of maximum	1:30 a. E. S. T.	7:30 a. E. S. T.	1:30 p. E. S. T.	7:30 p. E. S. T.	Percent of possible	Degree days 65 base
ANNISTON WB AIRPORT	30.23	5	29.74	18	4.5	-	-	-	94	94	61	80	-	0
BIRMINGHAM WB AIRPORT	30.23	6	29.76	19	5.6	49	NW	28	89	92	59	73	44	0
MOBILE WB CITY	30.21†	6	29.76†	20	8.1	54	NE	9	90†	92†	60†	79†	62	0
MONTGOMERY WB CITY	30.22†	5	29.74†	28	5.4	26	W	20	90†	92†	58†	74†	57	0
† AIRPORT DATA														

COMPARATIVE DATA

Table 1

Year	Temperature			Precipitation		Year	Temperature			Precipitation		Year	Temperature			Precipitation	
	Average	Highest	Lowest	Average	No. of days .01 or more		Average	Highest	Lowest	Average	No. of days .01 or more		Average	Highest	Lowest	Average	No. of days .01 or more
1884	78.3	102	52	2.29	6	1909	81.0	108	54	3.30	8	1934	80.9	104	59	5.97	12
1885	78.7	102	56	3.79	11	1910	79.6	102	54	2.67	7	1935	81.5	107	51	5.11	11
1886	79.5	103	56	4.35	10	1911	79.1	102	54	4.95	11	1936	80.9	103	51	5.76	9
1887	79.8	102	59	2.83	5	1912	79.2	100	49	5.69	11	1937	80.9	103	62	5.04	12
1888	79.3	98	52	7.37	11	1913	80.5	103	52	2.57	6	1938	81.6	106	58	3.89	7
1889	77.4	97	51	3.27	9	1914	78.9	105	59	6.52	13	1939	78.6	99	53	10.59	13
1890	77.5	97	50	4.46	9	1915	78.9	105	49	5.07	10	1940	80.5	102	52	2.93	8
1891	78.5	102	44	2.73	6	1916	79.9	104	51	3.60	8	1941	80.8	101	52	5.29	11
1892	78.7	100	56	6.21	14	1917	78.1	101	46	6.17	11	1942	78.7	101	53	6.43	12
1893	79.2	100	50	5.00	9	1918	80.6	105	50	3.56	6	1943	82.2	109	54	3.64	7
1894	78.7	103	54	6.91	12	1919	79.2	103	51	7.54	12	1944	79.6	101	58	6.42	12
1895	80.1	100	45	5.23	12	1920	77.6	98	52	6.82	13	1945	80.3	102	50	3.06	7
1896	82.2	106	50	2.35	6	1921	80.5	105	53	4.38	10	1946	78.4	100	45	4.87	8
1897	78.9	106	53	5.61	10	1922	78.9	101	52	3.27	8	1947	81.2	105	60	3.68	10
1898	78.8	102	59	7.51	14	1923	78.9	98	51	6.28	12	1948	79.3	103	52	3.77	8
1899	81.3	103	58	3.71	8	1924	81.9	104	52	2.87	6	1949	79.6	99	57	4.61	
1900	81.7	105	62	2.94	4	1925	80.8	107	51	1.52	4	Period	79.7	109	44	4.72	
1901	78.7	104	54	8.47	12	1926	80.6	101	58	6.90	13						
1902	82.2	107	52	3.54	8	1927	78.5	100	48	3.54	8						
1903	80.6	101	53	3.64	9	1928	80.9	100	57	4.55	11						
1904	78.4	101	55	5.62	12	1929	80.2	102	50	2.10	5						
1905	79.3	102	54	5.28	12	1930	79.5	108	50	3.50	7						
1906	80.6	102	55	3.65	10	1931	77.9	102	47	4.63	9						
1907	80.6	104	53	3.47	8	1932	80.8	102	58	5.36	11						
1908	79.5	104	52	3.44	8	1933	80.0	100	55	3.99	9						

See reference notes following Station Index

CLIMATOLOGICAL DATA

ALABAMA
AUGUST 194

Table 2

Station	Temperature								Precipitation										
	Average	Departure from normal	Highest	Date	Lowest	Date	No. of days		Total	Departure from normal	Greatest day	Date	Snow, Sleet, Hail			No. of days			
							Max. 90° or above	Min. 32° or below					Total	Max. depth on ground	Date	.01 or more	.25 or more	1.00 or more	
NORTHERN DIVISION																			
ANNISTON WB AIRPORT	78.5	0.3	95	11+	62	21+	18		6.06	2.01	2.20	15	T				13	5	2
BIRMINGHAM WB AIRPORT	78.7	0.3	95	12+	62	22	19		5.22	0.96	1.06	28					17	7	1
BIRMINGHAM WB CITY	80.0	0.8	98	12	62	22	22		9.20	4.94	2.71	30					15	6	3
CORDOVA	80.0	0.6	96	12	63	26	24		3.90	0.43	0.77	9					9	8	
DECATUR	79.2	- 0.1	94	11+	63	22	11		2.63	- 1.28	0.80	5					12	3	
FAYETTE	78.9	-	98	13	60	25	23		4.14	- 0.10	0.95	4	T				10	7	
GADSDEN	79.3	0.0	98	12	61	25	26		2.11	- 2.45	0.99	21					11	2	
GOODWATER	78.5	- 0.8	93	7+	61	22+	18		4.07	- 1.42	1.38	30					11	5	1
HALEYVILLE	77.5	-	93	13	62	23	8		4.96	-	1.55	20					14	6	
HUNTSVILLE	78.2	-	95	11+	60	24+	17		0.76	- 3.15	0.28	21					8	1	
LOCK NO 4	79.0M	- 0.4							-	-	1.22	3							
MADISON	77.3	- 1.9	95	11+	59	22+	18		2.52	- 1.27	0.65	18				12	4		
MUSCLE SHOALS	77.9	- 1.0	95	12	63	1+	11		5.70	1.84	1.23	23				13	7	1	
ONEONTA	78.6	1.6	97	13	60	22+	26		2.71	- 2.63	1.25	31				6	3	1	
ROCK MILLS	79.3	-	99	7	60	24	25		5.53	0.32	1.95	16				14	8	1	
SAINT BERNARD	77.1	- 0.3	95	12+	58	25	20		1.50	- 3.16	0.26	20				14	1		
SCOTTSBORO	78.7	1.3	94	11+	62	22	17		5.19	1.05	1.95	2				17	3	2	
TALLADEGA	79.4	- 0.1	96	12+	60	24	23		2.76	- 1.95	0.91	3				13	2		
TUSCALOOSA AIRPORT	81.1	0.1	99	11	64	24	27		5.24	0.96	1.71	18				10	4	3	
UNIVERSITY	81.4	0.4	98	11	66	24	24		5.89	1.61	1.73	10				12	8	2	
VALLEY HEAD	75.7	- 1.0	92	12+	57	25	13		4.01	- 0.55	1.53	31				8	5	1	
DIVISION	78.8								4.20										
MIDDLE DIVISION																			
ALEXANDER CITY 6 MILES NE	78.4	-	94	6+	60	24	17		4.02	-	0.97	30				15	6		
AUBURN	78.2	- 1.2	95	7	61	22+	18		1.74	- 3.11	0.40	17				15	2		
CENTREVILLE	-	-	97	6+			26		2.84	- 2.22	1.20	20				6	4	1	
CLANTON	79.5	- 0.4	95	1	63	22+	23		5.31	0.77	1.46	8				10	6	1	
DATTON	80.8M	-	96	12	64	23			5.49	-	1.29	3				8	5	3	
EUFULA	80.9	0.9	97	27	65	24	25		5.65	0.35	2.46	2				13	8	1	
GREENSBORO	81.2M	1.0	99	12	63	23			6.72	2.33	1.69	15				12	8	3	
GREENVILLE	79.8	- 0.7	93	7+	65	25	18		5.93	0.51	1.89	17				16	8	1	
HIGHLAND HOME	79.0	- 0.7	93	15	64	22+	16		4.42	- 0.38	0.99	30				10	7		
LA FAYETTE	77.7	-	93	6+	60	22	13		5.82	-	1.20	17				17	8	1	
LIVINGSTON	80.9	0.2	96	10+	64	22	25		4.12	0.50	2.20	29				7	4	1	
MAXWELL FIELD	81.3	-	95	12+	66	22	22		5.40	-	2.44	19				9	7	1	
MONTGOMERY WB AIRPORT	80.2	-	95	5+	64	22	22		2.79	-	0.59	29				12	5		
MONTGOMERY WB CITY	80.6	- 0.2	95	7+	65	22	20		4.95	0.72	1.65	19				10	5	2	
PRATTVILLE	80.1M	0.4	95	6	64	24			5.23	- 0.11	2.10	19				12	5	1	
PUSHMATAHA	79.2	- 0.9	92	12+	63	23	17		4.18	- 0.34	1.55	11				5	4	2	
SELMA	80.1	- 1.1	94	26	65	22	20		7.51	2.94	1.89	18				13	8	3	
THOMASVILLE	79.9	- 0.7	93	7+	66	22+	23		8.30	3.53	3.40	2				14	8	3	
TROY	79.9	- 0.6	95	1	64	22+	22		4.00	- 1.29	0.80	22				11	6		
TUSKEGEE	80.3	- 0.5	95	26+	66	22+	22		2.42	- 1.79	0.97	18				20	2		
UNION SPRINGS	78.8	- 1.6	96	7	62	22			-	-	0.88	18							
WETUMPKA	80.2	- 1.0	95	6+	66	22+	17		4.05	- 0.68	1.50	20				12	6	1	
DIVISION	79.9								4.80										
SOUTHERN DIVISION																			
ANDALUSIA	80.3	-	95	1	64	23+	23		2.94	-	1.21	2				12	3	1	
ATMORE STATE FARM	81.1	-	95	6+	66	23+	25		8.22	-	1.61	7				14	9	3	
BAY MINETTE	80.8	0.4	94	20	66	23	25		9.13	2.99	1.40	9+				16	10	4	
BREWTON 3 MILES SSE	79.9	- 0.7	95	6+	61	26	24		7.97	1.76	1.12	10				14	10	4	
CITRONELLE	81.1	0.1	94	1+	67	23	23		2.59	- 3.91	0.49	3				11	6		
DOTHAN CAA AIRPORT	80.5	-	95	7+	66	23+	22		3.31	- 2.12	0.66	2				18	5		
EVERGREEN	81.1M	0.3							-	-	-								
FAIRHOPE	80.6	- 0.1	96	12+	64	23+	27		4.69	- 2.54	1.20	19				12	8	1	
FORT MORGAN	83.1	-	96	13	70	20	23		2.71	-	1.29	20				5	4	1	
FRISCO CITY	80.1	-	95	13+	65	23+	23		7.30	1.80	1.12	9				16	11	2	
GENEVA	80.8	-	97	8	64	23+	28		4.35	- 0.64	1.68	3				13	5	1	
LOCKHART	80.4	-	95	30	64	24	23		5.29	-	1.14	30				15	8	1	
MOBILE WB AIRPORT	81.1	-	96	20	67	23+	21		4.23	-	0.85	20				18	7		
MOBILE WB CITY	82.3	1.3	95	12+	69	20+	23		4.45	- 2.47	1.21	15				12	5	1	
OZARK	80.0	- 0.6	94	7+	65	23	20		5.73	0.16	1.40	5				14	7	2	
ROBERTSDALE 7 MILES E	80.3	-	94	20	61	23	21		5.90	- 1.56	1.71	29				16	6	2	
SPRING HILL	81.6M	0.7	97	21					3.88	- 3.29	1.18	21				10	6	1	
DIVISION	80.9								5.17										
STATE	79.6	- 0.1							4.61	- 0.11									

See reference notes following Station Index.

DAILY PRECIPITATION

ALABAMA
AUGUST 1949

Table 3

Station		Day of month																															Total	
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
ABBEVILLE	Z	.31	.22	.37	.04					.36	.10			.33	.91	1.61	.45		.43	.60	.23							.17	.08	.02	.34	.16	6.28	
ADDISON	R			.05	.04									.33	.29		.60		.85	.27	.30								.02	.02	.92		3.19	
ADDISON CNTRL TOWER																	.93																3.91	
ALABAMA STATE FARM				.11	.40										2.00				.45				.45				1.00		.10				4.81	
ALBERTA			.58			.28	.30					1.67		.25	.06		.16	.15	.10	1.85			.58						.28				5.96	
ALBERTVILLE 1 MI S		.03	.01	.16	.40		.31	.69	T		.33		.64			.03		2.40	.10	.23	.28	.06	.48					.03		.44	.97	.15	3.88	
ALEXANDER CTT 6 NE																																	4.02	
ALICEVILLE														.70						.09	.31	.90	.12	.15		.92							2.32	
ANDALUSIA		.06	1.21	.04		.40		.18																					.09	.24	.05		2.94	
ANNISTON WB AIRPORT	T		.01	.06				1.50	.03				T	.90		2.20	.19	.01	T	.63	.34	T	T					T	.03	T	.12	.04	6.06	
ARLEY					.50	.68										.08			.20	.25													4.39	
ASHLAND	//E			.87			.08	.25			.56	.19		.79		.11		.11	.14	2.36					1.02	.06	.30		.79	.11	.37	.85	7.48	
ASHVILLE				.09																				.09									4.16	
ATHENS					.14	.10	.15							.45	1.50	.17	T		.04		.15	.29		.11		.03			T	T			1.35	
ATMORE STATE FARM	Z		.25	.35	.40		.05	1.61	.23	.12										.80	1.55	.65					.09						8.22	
AUBURN	R	.12	.06	.04	T			.08			.07	.16	.23		.26	.08	.40	.13	.02	.04									.03	T	T	.02	1.74	
AUBURN SCS 10								.12			.12	.14	.11		.05	.24	.50	.10	.06			.51	.10										1.50	
AUTUCKAVILLE		.65	.82	.12				.78			1.20				.22	.22					.45												4.64	
BARTON			.25		.80	.13	.34	1.36	.16	1.40				.15	.22					.23	.16	.40	.82	.47	.78	.18	.12			.10			9.13	
BAY MINETTE																1.02	.05																	
BEATRICK		.89	.74					.28		1.05	.65			.37	.02	.39	.80			.20		1.15											5.76	
BELGREEN	R		.20	.13		.38	.09										.88	.81	.02	.10				.31	.02					.05	.01	.13	.14	9.05
BERRY	R		.06					.05											.03	.20	.01				.15	.02								1.58
BEKAR 2 MILES SE	R							.08			.14				.15			.02	.03															3.59
BILLINGSLEY			.14					.30						1.00		.49		.51	.07															
BIRMINGHAM WB APT	Z	.86	.12		T	.11	.07	.21		.08	.28				.46	.36	T	.86	.10	T	.05	.01						T	1.06	.03	.50	.06	5.22	
BIRMINGHAM WB CITY		1.98	.03		.01		.65	.05						.01	T	.10	T	2.32	.35	.02	.16								.56	.15	2.71	.12	9.20	
BISHOP								.10						.12		.28	.03	1.25		.26	.22									.17			4.37	
BLANTY		.08	.81	.20	.90				.52	1.04	.12	.35																					9.91	
BRENTON 3 MILES SSE		1.05	.36		.21				.12	1.12	.05			.63	.55	.53	.05			1.10	.43	.53											7.97	
BRIDGEPORT 2 MI W		1.39	.92	.32		.18		.48						.69		.13		.27	.29	1.47	.32	.23			.12								3.24	
BRIDGIDGE											.12			.78		.14	.27	.29	1.47	.32	.23												9.87	
CALERA								1.27	.01	.21	.38								.66	.26	.01												4.18	
CAMPBELL	R			.25	.30	.30		.50			.16		.12	.02			.71		1.25	.36	.40									.11	.01			7.34
CARBON HILL											.25		.30		.30	.15		.80			.70	.20	.65	.40		1.20			.04					
CENTER GROVE		.56		T	.17	.22	.83	.19			.11	.11	.10				T	.56	.32	.94	.23	.32	.19											5.96
CENTREVILLE								.29	.39										.22	1.20													2.84	
CHILDESDURG																			.10	.37	.16	.57	1.40							.10	.25	1.25	4.72	
CITRONELLE		.26	.04	.49	.36		.12	.08																.12	.27	.05								5.31
CLANTON							.13	1.46						.07			T	.95	.68	.60	.32	T												
CLAYTON		.63	1.21	.83											.55	.21	.36	.12	.22	.26	.16	.11											4.86	
COFFEY SPRINGS		.24	.23	.16	.10				.40							.57	.10	.10	T														2.60	
COLLINSVILLE				.09		.20					.02	.45	.28			.20			.46			1.40	.09											3.45
COLUMBIA		.94	.04	.72	T	.63		.25		.77					.54	.27	.40		.28	.02	.38	.92	.08							.08				5.06
CORDOVA																				.40	.24												3.90	
CUBA			.01			.15				.21	T	T	1.40				.81		1.38	.52	1.26		.21	.80									5.77	
DADEVILLE	R	.45	.03	.02		.03	.80	.01	.05	.66			.02			.08		.70	.13	.14	.14	.21	.80							.11	.10	.37	.05	4.75
DADEVILLE NO 2																			.85	.13	.05	.44		.55									4.45	
DANCY																1.92	.62	.09	.08	.49	.30													3.43
DANVILLE			.32	.41		.24															.32	.21			1.70	.03	.02							3.82
DATTON		.66		1.29	.08	.80	.21	.03	T					.12	.22	T		.93				.14	1.12											5.49
DECATUR			.05	.05	.65	.20								.01	.39		.03			.22		.56											2.63	
DECATUR NO 4																				.22		.65											3.18	
DECATUR SUBSTATION			.05	.01	.37	.11								.03	1.40					.19	.59												2.83	
DEMOPOLIS		.02								.10		.01		.10				.20		.55	.81	.12												2.01
DIOTHA AIA AIRPORT	Z	.02	.66	.49	.01		.30			.16	.02	.03		.25		.05	.14	.14		.15	.44		T						.06	.01	.11	.51	3.31	
DORA		.34	.95	.45	.47	.10			.10	.03	.20							.60		.12	.20	.75	.15										6.59	
ELBRO		.50	2.48	.38	.65															.82	.50		.40	T	.12									6.41
EMPAUL	Z			.12	T	.15			.05	.21	.05	.46		1.36		.43	.09	.13	.30	.28	T	.34	.85	.68		.05								3.55
KUTAW LOCK RD																																		6.43
EVERGREEN		.88		.07	.41		.82		.39	.18	T			.14						.22														
FAIRHOPE			.34		.56		.32	.68		.02	.30									1.20	.55	.01												4.69
FALKVILLE																				.12	.21				1.48	.11								2.32
FALLS CITY 6 MI SW					.47								.72							.17														

DAILY PRECIPITATION

Table 3-Continued

ALABAMA
AUGUST 1941

Station	Day of month																																	Total
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31			
MAXWELL FIELD	.26	.01	T	T	.04			.06				.26	.21				T	.74	2.44	.48		T					.04	.68	.49	T	5.40			
MELVIN	2.02	.24																		.35				.14			.29		.01	1.77	.08	4.97		
MIDWAY	.88	.02										.16	1.32	.02						1.04			.62									3.50		
WILLIAMS FERRY	.02																			.45	.13		.45						.22		.10	2.80		
MILSTAD	.32	.23	T		T			.54		.17	T	.45	T	.59	T	.01	.22	.31		.12	.48	.14										.10	4.42	
MITCHELL DAM	1.88	.02	.58	.02	.27	T	.06	T	.25	.03	T	.45	T	.59	T	.01	.22	.31	T	.85	.80				.04	.15	.01		.41	.08	.03	4.23		
MOBILE WB AIRPORT	.01	.19		.27			T	.10	.94	T		.04	T	.70		.23	.01	T	.88	.01		.25		.10					.65	.01		4.45		
MOBILE WB CITY					.39			.52																					.10			1.09		
MONTE SANO							T	T		.02			.34	T	.40	T	.02	.18	.56	.15	T	T	T	T			.17		.59	.03		2.79		
MONTGOMERY WB APT	.31	.02	T	T						.05		T	T	T	.07	T	.51	1.65	.10	T	T	T	T				.02		.43	.06	T	4.95		
MONTGOMERY WB CITY	.25	T	T		.24							T	T	T																		9.26		
MOULTON				3.13	.04	.33	.24													.61	.07	1.34	2.66	.06					.59	1.47		5.70		
MUSCLE SHOALS		.55		.98		.81	.05		T							.06	.38	.02	.83		.50	T	1.23					.24		.02		6.35		
NEW BROCKTON	1.90	.25	.08	.22			.04	.23								2.09		.27		.59	.13									.55		6.35		
NEWBURG				.14	.38		.19					1.05	.74			.33	.31			.57	.69	.02		.50	.13				.10		.47	4.89		
NEW MARKET				.29												.56	.08	.43														1.48		
NEWTON	.43	.51																														2.01		
ONKONTA			.54	.18									.44					.12			.18											1.25		
ORRVILLE		.76																1.65														2.80		
OZARK	.60	1.04	.44	.01	1.40			.03	.38	.17					.09	.93	.14		.41	.06	.04	.05										5.73		
PAINT ROCK		.18	.04		.05								2.30			.89			.06													4.51		
PAIMERSDALE	.73	.05											.61				.42													.88	.61	3.40		
PERRYVILLE	.80	.11	.28			.03	.05	.43	.38	.34	.07		1.33			.37		.69	.37	.09												3.68		
PETERMAN																																4.36		
PICKENSVILLE							T	.45	.10				1.02					.14	.30	.57									.60	.50	3.91			
PINE HILL	.85	1.31		.17	.42			.75				.05		.05		.23		.30	1.49	.18	.90		.23					.09	.30	1.02		7.87		
PINK LEVEL																.80	.30	.53	.76		.08											4.17		
PLANTERSVILLE							.25							.95		.15	.30	.15	.90	.72	.52								.51			4.45		
PLEASANT GROVE SCH			.14		.27								1.17			.05	.10				.21	1.41		.13				T	.05		.05	3.81		
PRATTVILLE	.20	.09			.15					.55				.20			.59	2.10	.19										.50	.21	.27	5.23		
PRIMROSE FARM	.82	.01							.12						.04	T		.86	2.99	.06								.18		.80	.01	5.87		
PUSHMATAHA	1.33	.06			.59						1.55								.85													4.18		
RED BAY						.78						.89	.25		.06	.71			.85										1.40			5.40		
RIVER FALLS	.12	.08	.26		.55		.17	.11		.09						.14		.70	.11	.19	.22		.30	.18						1.30	.31	4.59		
RIVER FALLS 2 MI NE	.05	.18		.80		.01	1.29	.06	.07	.16					.21		.45	.47		.33									1.54	.24		4.90		
ROBERTSDALE 7 MI E	.03	.29			.01	.03	.04						.04	.24		.71	.07	.85		.49								.34				5.90		
ROCK MILLS		.19										.30	.13	.57		1.95	.48	.16			.29	T							.51	.50	.25	1.53		
SAINT BERNARD		.03	.04			.19			.03							.20	.03	.19		.26	.03		.09		.20					.10	.06	.05	1.80	
SAND MTN STA FERN AP		.05		.01												.11	1.20	.35	.07	.46		.03							.02		.02	2.52		
SAYRE		.23	.05	.02		.03	.08		.03				1.40					.29		.52	.11	T							.82	.08		3.63		
SCOTTSBORO	1.95	.05	.03	.15	.03	.16	.17	.03	T			.21			.10	.06			.12	.22	.01	.30							.05		1.55	5.19		
SCOTTSBORO SUBSTA		3.81		.02	.16		.32	T				.18				.24	.02	.01	.03	.04	.44	.12	.33						.02			6.80		
SELMA	.52	T				.10	.17			1.42	.34		.04	.29		2.6	1.74		.18	.75									.29		.03	7.78		
SHEFFIELD TVA NBST		1.98	.33		.98								.12																				1.14	
SHOEMAKER SPRINGS										.70	.08			.46																		1.50		
SLOCUM	.97	.53	.30	.40						.26	.18	.14		.17		.22	.10	T	.37		2.62											4.04		
SNOW HILL	.58	.60	.19													.02	.02	.14	1.57													3.46		
SOUTH HILL		.10		1.56																													3.88	
SPRING HILL	.13	.63		.10				.26	.33						.08	.09	T				1.18									.59		3.99		
SWAIN		.15			.53	.13		.13	.11		.14		.85				.14	.16		.34	.08	.99				.07					.16	7.38		
STYLACAUGA	.02		.61					.96		.02		.05	.04			3.77	.17	.37	.14	.02										.17	.08	.98	12	
SYLVANIA												.15	.10		.19	.07	.07	.13	.11													2.76		
TALLADEGA		.91						.13	.11			.05	.45	1.45	.06	.47	.60	.07	.13	.05					.10				.60	.11		3.17		
TALLADEGA BRN MT TR																																		
THOMASVILLE	1.01	3.40						.14	.03	.34		.10			.20	.09	.42		.59	.46	.26	.80	.26					.03	.03	1.12		8.30		
THORNEY 1 MILE SW		.10					.47									.90	.37		.38	.20	.02	1.72										3.35		
THURLOW DAM	.04	.17	.01					.07			.33					.16	.01												.11	.12		.02	3.61	
TONEY		.80		.49		.07										.10																	2.07	
TRAFFORD		.33		.35	.54				.31								.12		.73					.05						.86	.40	3.89		
TROY		.54	.18	.03	.66	T			.06	T		.31	1.28	T			.16	.05	.47	.09	.45	.80							.01	.23	.02	.57	4.00	
TUSCALOOSA AIRPORT												.15	.89	.56	.81	.15														.20	.10	6.43		
TUSCALOOSA LCK DAM	.02	.16	.05	.04			.12					.07	.32	.02	.05	.17	.04			1.20	1.98	.38	.02					.10	.03	.02	T	.03	2.42	
TUSKEGEE	T	.22	.12	.35	.81				T	.03	T				.12	.13	T		.88	.10	.24	T	.26	T										
UNION SPRINGS		.03	.18	.04	.64				.12		.03	.01	.02	1.71		.09		1.54	1.73	.25	.02	.25					.05	.03	.45	.25	.10	1.53	4.01	
UNIONTOWN		.35									.43	.60	.12			.10																		

HOURLY PRECIPITATION

ALABAMA
AUGUST 1949

Table 4

Station	A. M. Hour ending												P. M. Hour ending												Total
	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	
-1st-																									
ABBEVILLE																		.26	.05						.31
CAMPBELL																									.02
EUTAW LOCK NO 7															.01	.01									.09
GARDEN CITY										.02				.06	.01										1.10
LOCK NO 1 //													.95	.03	.07	.02	.02	.01							.31
MAGNOLIA															.12	.19									.68
MIDWAY														*	*	*	.33	.16	.16	.03					.01
MOBILE WB AIRPORT 6														*	*	*	*	*	.02						.25
MOBILE WB CITY														*	*	*	*	*							1.90
MONTGOMERY WB AIRPORT 6														.01	.06	.10	.08		.31						.80
MONTGOMERY WB CITY																1.50	.21	.19							.05
NEW BROCKTON													.48	.17	.03	.05	.07								.47
PETERMAN														.01		.08	.21	.07	.11						.80
RIVER FALLS 2 MILES NE																									.05
TROY																									.47
-2d-																									
ABBEVILLE										.16	.05	.01													.22
ANNISTON WB AIRPORT 6									*	*	*	*	.01												.27
ATMORE STATE FARM								.05	.02								.04	.13	.03						.86
BIRMINGHAM WB CITY								.03	.01								.11	.25	.43	.03	.01				.05
BOAZ							.01						.01	.01											.03
DADEVILLE NO 2										.45	.11	.05	.01	.01					.02	.01					.11
DOTHAN CAA AIRPORT													.02	.01											.65
EUTAW LOCK NO 7																									.07
FORT MORGAN //	.02	.09		.35	.15	.04																			.40
FORT PAYNE																									.11
GARDEN CITY								.33	.01										.03	.01	.01		.01		.269
GREENVILLE NO 2										.06	.05		.02												.03
GUNTERSVILLE REC								.28	2.10	.11	.12	.06	.02					.01	.02						.15
JACKSONVILLE										.01	.14														*
LOCK NO 1 //																									.24
MARION 1 MILE SSE				*	*	*	*	*	*				.01	.09	.12			.02							.19
MIDWAY										.01	.09	.12													*
MOBILE WB AIRPORT 6	*	*		*	*	*		.18	*	*	*	*	.01	*	*	*	*	*	.38						.25
MOBILE WB CITY				.01	.05	.10		.02	*	*	*	*	.02												.18
MONTGOMERY WB AIRPORT 6									*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	.18
MOULTON									*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	.10
MUSCLE SHOALS 6										.03	.17	.05							.34	*	*	*	*	*	.60
NEW BROCKTON										.02	.13	.03													.27
PAINT ROCK								.02	.09	.01		.01													.21
PETERMAN								.02	.11	.04	.01														.36
RIVER FALLS 2 MILES NE													.19	.03	.07				.10						.04
THORSEY 1 MILE SW																									.08
TONEY										.31			.19	.03	.07										.11
TRAFFORD							.20	.01	.01	.03	.01	.01													.27
TROY							.01	.01	.09	.08	.02					.35	.01								.21
UNIVERSITY																									.36
-3d-																									
ABBEVILLE			.01	.03	.01			.30	.02																.37
ADDISON													.02	.01	.01								.01		.05
ANNISTON WB AIRPORT 6	*	*	*	*	*	*	.06	*	*	*	*	*													.20
BELGREEN													.14			.06	.01								.08
BERRY																.05	.01								.12
BIRMINGHAM WB CITY																									.02
DADEVILLE NO 2				.01				.01																	.37
DOTHAN CAA AIRPORT	.07	.25	.05																.01	.01	.01				.03
GARDEN CITY																									.18
GREENVILLE NO 2																.18			.08						.08
HALEYVILLE																									.11
JACKSONVILLE	.06	.04	.01																						.08
MOBILE WB AIRPORT 6																									.06
MUSCLE SHOALS 6	.21																	.02							.04
NEW BROCKTON			.02		.04			.04																	.28
PAINT ROCK													.02					.27	.01			.32	.01	.01	.36
PETERMAN																									.04
TRAFFORD																									.08
-4th-																									
ABBEVILLE																.04									.04
ADDISON																.33	.52	.02	.01	.01					.87
ASHLAND //										.32	.02					.10	.02								.34
ATMORE STATE FARM										.01															.13
BELGREEN																									.02
EUTAW LOCK NO 7																			.02		.21	.72			.93
FORT PAYNE																									.10
GREENVILLE NO 2										.09	.01														.08
GUNTERSVILLE REC																.51	.08								.56
HALEYVILLE																	.05								.05
JACKSONVILLE										.07	.24			.22	.04	.01		.04	.01						.34
LOCK NO 1 //																									.26
MAGNOLIA																									.03
MOBILE WB AIRPORT 6	.02							*	*	*	*	*	.22	.04	*	*	*	*	.03						.27
MOBILE WB CITY										.02	.24			.01	.17	.02									3.13
MOULTON	*	*	*	*	*	*	*	*	*	*	*	2.04	.90	.17	*	*	*	*	.98						.22
MUSCLE SHOALS 6														.07	.15										.80
NEW BROCKTON														.79	.01										.49
RIVER FALLS 2 MILES NE														.54	.49	.01									.57
TONEY														.58	.02			.12	.75	.03	.01				.61
TRAFFORD							.01				.01														.91
TROY																									.01
VERNON																									

HOURLY PRECIPITATION

ALABAMA
AUGUST 194

Station	A. M. Hour ending												P. M. Hour ending												Total
	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	
HUNTSVILLE 6																									
MIDWAY																									
MOULTON																									
MUSCLE SHOALS 6																									
PETERMAN																									
TONEY																									
ANNISTON WB AIRPORT 6																									
ASHLAND //																									
ATMORE STATE FARM																									
AUBURN SCS 10																									
BELGREEN																									
DADEVILLE NO 2																									
EUTAW LOCK NO 7																									
PORT PAYNE																									
LAY DAM																									
LOCK NO 1 //																									
MAGNOLIA																									
MARION 1 MILE SSE																									
MOBILE WB AIRPORT 6																									
MOULTON																									
MUSCLE SHOALS 6																									
NEW BROCKTON																									
PETERMAN																									
RIVER FALLS 2 MILES NE																									
THORNSBY 1 MILE SW																									
ANNISTON WB AIRPORT 6																									
ATMORE STATE FARM																									
BERRY																									
BEXAR 2 MILES SE																									
BIRMINGHAM WB CITY																									
CAMPBELL																									
DADEVILLE NO 2																									
EUTAW LOCK NO 7																									
GARDEN CITY																									
GREENVILLE NO 2																									
LAY DAM																									
LOCK NO 1 //																									
MARION 1 MILE SSE																									
NEW BROCKTON																									
PETERMAN																									
RIVER FALLS 2 MILES NE																									
THORNSBY 1 MILE SW																									
TONEY																									
ABBEVILLE																									
ANNISTON WB AIRPORT 6																									
ATMORE STATE FARM																									
BIRMINGHAM WB CITY																									
CAMPBELL																									
DADEVILLE NO 2																									
MAGNOLIA																									
MOBILE WB AIRPORT 6																									
MOBILE WB CITY																									
PETERMAN																									
TRAFFORD																									
ABBEVILLE																									
ASHLAND //																									
AUBURN SCS 10																									
BERRY																									
BEXAR 2 MILES SE																									
DADEVILLE NO 2																									
EUTAW LOCK NO 7																									
HALEYVILLE																									
JACKSONVILLE																									
MAGNOLIA																									
MOBILE WB AIRPORT 6																									
MONTGOMERY WB AIRPORT 6																									
MONTGOMERY WB CITY																									
PETERMAN																									
RIVER FALLS 2 MILES NE																									
UNIVERSITY																									
VERNON																									
ASHLAND //																									
ATMORE STATE FARM																									
AUBURN SCS 10																									
BIRMINGHAM WB CITY																									
MARION 1 MILE SSE																									
MOBILE WB AIRPORT 6																									
PETERMAN																									
ATMORE STATE FARM																									
AUBURN SCS 10																									
BIRMINGHAM WB CITY																									
CAMPBELL																									
DADEVILLE NO 2																									
EUTAW LOCK NO 7																									
JACKSONVILLE																									
LOCK NO 1 //																									
MAGNOLIA																									
MARION 1 MILE SSE																									
MOBILE WB CITY																									
MUSCLE SHOALS 6																									
PETERMAN																									
TRAFFORD																									
TUSCALOOSA AIRPORT 6																									
UNIVERSITY																									
VERNON																									

See reference notes following Station Index.

ALABAMA
AUGUST 1949

Table 4-Continued

See reference notes following Station Index.

ALABAMA
AUGUST 194

Station	A. M. Hour ending												P. M. Hour ending												Total
	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	
TROY UNIVERSITY VERNON						.19	.24			.01	.01				.08	.01			.03						.03 .01 .53
-18th-																									
ABBEVILLE ASHLAND //										.01	.01	.17	.21								.02	.01			.43 .14
ATMORE STATE FARM AUBURN SCS 10												.12	.02						.24						.24 .06
BERRY BEAR 2 MILES SE																	.06	.03							.03 .03
BOAZ DADEVILLE NO 2																	.01	.02							.02 .13
DOTHAN CAA AIRPORT EUTAW LOCK NO 7						.48	.02		.01						.12			.01	.05	.06	.01				.12 .51
FORT PAYNE GREENVILLE NO 2	.01	.12	.08	.01													.06								.28
HALEYVILLE HUNTSVILLE 6										.23															.23
LAY DAM MAGNOLIA										.04															
MARION 1 MILE SSE MOBILE WB CITY						.39	.01										.23	.01							.28 .24
MONTGOMERY WB AIRPORT 6 MONTGOMERY WB CITY																						.01			.40 .01
MUSCLE SHOALS 6 NEW BROCKTON																									
PETERMAN RIVER FALLS 2 MILES NE																			.15	*	*		*	*	.27 .69
THORSBY 1 MILE SW TRAFFORD																			.01	.24					.45 .59
TROY TUSCALOOSA AIRPORT 6		.01	.01		.01	.01	.01	.54		.01	.15							.01	.02	.02	.01			.10	.70 .45
UNIVERSITY VERNON																			1.68						1.54 .06
-19th-																									
ABBEVILLE ADDISON										.05	.29	.01			.19	.01		.49			.01				.50 .55
ASHLAND //											.77	.78		.64	.09	.01		.01	.05	.01					.36 2.33
ATMORE STATE FARM AUBURN SCS 10															.01	.40				.20	.78	.41	.01	.01	1.82 .06
BELGREEN BEAR 2 MILES SE									.50	.01		.19	.18												.88 .20
BIRMINGHAM WB CITY BOAZ									.17	.01	.01												.01		.86 .07
CAMPBELL DADEVILLE NO 2														.01	.02	.05	.02			.02	1.14	.03	.01		1.25 .05
DOTHAN CAA AIRPORT EUTAW LOCK NO 7														.01	.09	.10	.03	.01					.01	.40 .29	
FORT PAYNE GUNTERSVILLE REC								.13	.05								.02								.02 .02
HALEYVILLE HUNTSVILLE 6										.55	.01			.85	.10			*	*	*	*	*	*	*	1.51
JACKSONVILLE LAY DAM							.01	*	*					.10	.01	.01									.03 .86
LOCK NO 1 // MAGNOLIA																									

See reference notes following Station Index.

ALABAMA
AUGUST 1949

[illegible]

See reference notes following Station Index.

HOURLY PRECIPITATION

ALABAMA
AUGUST 1949

Table 4-Continued

Station	A. M. Hour ending												P. M. Hour ending												Total
	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	
LOCK NO 1 //													.02	.01			.01								.04
MAGNOLIA																	.02								.02
MOBILE WB AIRPORT 6								*	*	*	*	.06	*	*	*	*	*	*	.35						.65
MOBILE WB CITY										.05	.59		.01	*	*	*	*	*							
MONTGOMERY WB AIRPORT 6																			.40	.19					.59
MONTGOMERY WB CITY																									.06
MOULTON							.01	.04		.01															1.54
RIVER FALLS 2 MILES NE													.39	1.15											.62
TRAFFORD													.58	.03	.01				.21	*	*	*	*	*	.22
TUSCALOOSA AIRPORT 6													*	*		.22									
UNIVERSITY																									
-30th-																									
ABBEVILLE																	.21	.09	.04						.34
ADDISON													1.02	*	*	*	*	*	.07						1.02
ANNISTON WB AIRPORT 6							*	*	*	*	*	.07	.05	.43	.34	.05	.01	*	*	.07					.90
ASHLAND //													.07	.43	.34	.05	.01	*	*	.07					.13
BELGREEN													.32	.18		.13									.50
BIRMINGHAM WB CITY																	.04	.02							.06
BOAZ																									.01
CAMPBELL																	.06	.01							.01
DADEVILLE NO 2						.01	.01		.02								.01								.11
DOTHAN CAA AIRPORT													.03	.04	.36	.01	.01		.07						.07
GARDEN CITY													.36												.45
HALEYVILLE														.04	.02	.01									.36
JACKSONVILLE														.04	.02	.01									.07
LAY DAM													.14	.01											.15
LOCK NO 1 //		.03	.01														.13	.06					.01	.05	.29
MOBILE WB AIRPORT 6													*	*	*	*	*	*	.08						
MONTGOMERY WB AIRPORT 6	.55												*	*	*	*	*	*	.03	.06					1.47
MONTGOMERY WB CITY													*	*	*	*	*	*	.03	.06					
MUSCLE SHOALS 6													*	*	*	*	*	*	.02						
NEW BROCKTON													.38	.07	.10				.01						.55
RIVER FALLS 2 MILES NE													.22	.01					.01						.24
THORNSBY 1 MILE SW													.35	.01											.28
TRAFFORD													.56	.02	.02										.36
TROY													*	*	*	*	*	*	.02						.60
TUSCALOOSA AIRPORT 6	.02												*	*	*	*	*	*	.02						.09
UNIVERSITY																	.09								.37
VERNON													.24			.13									
-31st-																									
ABBEVILLE													.04	.01	.10	.01	*	*	*	.01					.16
ANNISTON WB AIRPORT 6	*	*	*	*	*	.03											*	*	*	.01					.15
ASHLAND //	.01	.01	.02	.06	.05																				.14
BELGREEN																.14									
BERRY																									.06
BIRMINGHAM WB CITY		.05	.01							.25	.01	.01													.27
DADEVILLE NO 2												.43				.01									.44
DOTHAN CAA AIRPORT																									.40
FLAT ROCK	.02	.01	.34		.01	.02																			.30
FORT MORGAN //		.04		.25	.01																				
GREENVILLE NO 2																									
JACKSONVILLE																.11	.13	.01							.25
LAY DAM						.59	.01																		.60
LOCK NO 1 //								.03																	.03
MIDWAY																									
MOBILE WB AIRPORT 6													.01	*	*	*	*	*	.01						.01
MOBILE WB CITY																									

DAILY TEMPERATURES

ALABAMA
AUGUST 1949

Table 5

Station	Day of month																																	Average
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31			
ALEXANDER CTT 6 NE	MAX 88	83	88	89	92	94	93	92	92	93	93	94	90	89	90	91	90	89	86	90	73	72	85	87	91	92	87	91	91	88	87	88.7		
	MIN 69	71	67	68	68	67	68	68	69	68	67	68	68	69	74	75	76	72	72	70	65	62	64	60	63	65	71	72	62	66	68	68.1		
ANDALUSIA	MAX 85	89	88	87	86	90	92	94	92	92	90	91	93	93	93	90	92	93	93	93	88	87	86	90	93	93	93	89	92	94	93	91.1		
	MIN 70	68	68	68	67	70	72	71	70	69	70	71	71	71	74	74	73	73	71	70	68	66	64	64	65	68	71	70	71	68	68	69.5		
ANNISTON WB AIRPORT	MAX 91	85	89	91	92	94	94	93	93	94	95	95	92	91	87	91	89	92	90	89	72	70	83	87	92	91	87	90	89	88	87	89.1		
	MIN 68	70	69	69	68	64	67	67	67	67	68	69	70	73	74	74	73	73	71	71	62	62	64	62	64	66	69	66	63	66	64	67.8		
ATMORE STATE FARM	MAX 92	82	90	88	94	95	94	92	92	92	93	93	92	94	88	93	93	93	90	94	86	84	87	90	93	95	91	93	94	94	92	91.4		
	MIN 71	69	70	71	69	71	70	71	70	70	71	72	72	73	74	73	74	75	73	71	70	69	66	67	66	69	72	71	70	71	70	70.7		
AUBURN	MAX 93	88	83	85	90	93	95	94	93	93	92	91	92	92	87	88	87	90	85	90	70	73	85	89	91	92	85	91	93	92	88.7			
	MIN 67	66	70	67	64	68	71	69	69	66	67	67	69	69	72	72	73	74	72	70	66	61	63	61	64	67	69	69	63	66	67	67.7		
BAY MINETTE	MAX 89	85	89	88	93	93	92	92	90	92	92	93	93	93	91	90	90	93	93	94	86	85	90	91	90	93	90	93	91	93	90	90.9		
	MIN 70	70	70	70	69	71	68	69	70	75	72	73	73	73	74	72	73	75	74	70	66	71	66	68	67	67	71	70	70	72	71	70.7		
BIRMINGHAM WB APT	MAX 89	87	87	90	92	91	91	93	90	93	93	95	95	93	92	90	90	90	84	87	72	69	81	85	90	92	89	91	90	84	89	88.5		
	MIN 69	70	69	70	68	68	68	69	71	69	70	70	71	72	75	75	74	74	71	71	65	62	65	63	64	68	72	64	64	67	66	68.6		
BIRMINGHAM WB CITY	MAX 91	86	90	91	92	93	94	95	93	96	97	98	96	93	93	92	91	94	86	87	75	69	82	87	94	92	93	92	93	84	89	90.2		
	MIN 69	70	68	71	69	69	69	70	71	70	71	73	72	73	73	75	75	75	72	72	68	62	65	64	66	70	72	67	66	67	68	69.7		
BREWTON 3 MILES SSE	MAX 91	86	91	89	93	95	95	93	93	91	92	94	94	94	89	90	91	92	90	94	88	85	86	92	91	92	89	93	94	94	92	91.5		
	MIN 68	68	68	71	66	68	69	69	69	65	66	69	72	71	70	72	73	73	71	71	67	70	68	64	62	61	67	68	66	67	68	68.2		
CENTREVILLE	MAX 90	90	95	93	95	97	93	92	94	95	96	97	95	95	94	93	92	96	88	89	80	72	85	90	90	95	95	95	96	93	94	92.1		
	MIN																																	
CITRONELLE	MAX 94	84	86	87	90	92	91	92	91	90	92	93	92	94	92	90	90	92	93	94	84	86	87	88	89	92	92	93	94	92	90	90.6		
	MIN 71	70	70	72	71	71	72	70	71	71	72	74	72	74	75	73	75	74	72	69	69	67	68	69	69	70	73	71	73	72	72	71.5		
CLANTON	MAX 95	88	88	91	91	93	94	94	90	92	92	93	94	93	92	92	92	92	84	89	73	72	83	88	90	91	90	92	91	90	89.7			
	MIN 69	70	70	71	70	68	69	67	70	71	70	70	70	71	72	75	74	73	72	70	71	63	63	63	65	67	70	70	65	67	69	69.2		
CORDOVA	MAX 93	92	93	90	93	92	90	94	92	93	96	95	95	93	95	92	95	93	83	85	80	75	85	92	93	94	94	93	90	89	90.9			
	MIN 74	73	72	70	68	67	69	68	70	70	68	69	71	69	70	71	74	71	74	70	70	65	65	65	64	63	68	68	68	70	68	69.1		
DAYTON	MAX 85	88	90	90	92	94	93	92	92	94	95	96	93	94	95	92	92	92	94	87	82	84	88	94	93	93	92	92	92	90	91.3			
	MIN 70	72	70	71	69	69	70	71	70	71	70	71	70	72	74	72	75	71	72	72	72	66	66	68	71	70	68	72	68	69	70.2			
DECATUR	MAX 87	88	90	89	88	91	86	87	89	92	94	94	93	94	89	89	90	92	85	85	77	73	80	85	89	92	92	89	85	86	87	88.0		
	MIN 66	70	69	71	70	70	69	72	73	71	72	74	71	73	73	76	74	75	74	72	68	63	68	66	65	70	72	70	68	68	69	70.4		
DOTHAN CAA AIRPORT	MAX 91	81	86	92	92	94	95	94	94	87	89	91	92	87	91	90	93	93	90	93	91	85	88	92	93	92	88	93	95	95	88	90.8		
	MIN 70	68	71	70	68	71	72	70	71	70	70	69	70	71	74	74	73	72	72	69	67	66	67	66	70	71	70	70	69	69	70.1			
EUFALA	MAX 90	83	87	90	92	95	94	94	92	90	92	92	92	95	90	90	92	88	90	93	90	80	86	92	93	93	97	91	94	94	88	90.9		
	MIN 70	68	73	71	73	75	71	72	69	71	70	70	73	75	74	73	75	73	73	74	71	66	68	65	66	70	72	70	69	69	70	70.9		
EVERGREEN	MAX 91	92	91	90	87	91	94	93	93	92	93	93	94	92	94	93	93	93	92	90													92.4	
	MIN 70	67	71	69	66	68	69	68	68	68	70	71	70	73	71	72	72	72	72	70													69.7	
FAIRBROPE	MAX 94	87	89	90	92	92	94	92	93	93	94	96	94	92	92	90	91	94	93	94	89	88	90	91	90	95	92	96	93	92	94	92.1		
	MIN 67	68	68	70	68	70	66	67	68	68	70	72	71	72	73	70	75	75	72	72	67	68	68	64	64	66	69	69	71	70	69	69.1		
FAYETTE	MAX 92	90	90	94	90	92	95	93	94	92	92	96	98	93	94	94	91	92	89	87	89	81	75	79	88	91	92	95	94	91	87	90.7		
	MIN 64	64	66	67	66	66	67	69	68	68	68	68	68	68	71	73	72	74	71	70	67	65	61	61	60	63	67	69	64	66	67	67.1		
FORT MORGAN	MAX 90	85	87	90	90	92	92	90	89	92	91	93	96	92	89	90	90	91	92	92	88	88	90	89	88	91	91	91	91	91	90	90.4		
	MIN 72	71	77	79	75	77	78	77	76	77	77	77	78	78	77	79	80	80	80	70	77	74	73	71	74	77	77	77	72	74	75.8			
FRISCO CITY	MAX 93	89	85	90	84	92	92	92	93	90	91	93	95	94	88	91	92	92	89	93	85	84	86	90	91	92	90	92	90	93	95	90.7		
	MIN 70	68	68	70	68	70	70	68	69	70	71	71	72	72	73	73	74	72	70	68	66	65	66	65	66	65	68	71	68	69	68	69.4		
GADSDEN	MAX 92	92	86	90	93	94	94	96	94	95	98	96	95	96	90	93	97	96	90	93	70	70	85	89	92	94	92	93	91	92	91.4			
	MIN 64	68	70	65	64	64	66	67	67	67	66	66	69	68	73	74	75	73	72	72	67	62	63	62	61	62	70	72	63	64	68	67.2		
GENEVA	MAX 96	92	81	86	92	94	95	97	95	94	90	94	94	94	93	92	91	94	93	95	96	93	87	90	93	96	95	90	96	95	94	92.8		
	MIN 69	67	70	68	68	68	69	68	69	68	68	69	69	70	74	73	70	72	70	71	68	67	64	65	64	68	70	70	68	69	68.8			
GOODWATER	MAX 92	90	82	89	92	93	92	91	91	90	92	93	90	88	90	91	90	88	88	88	68	71	85	86	90	91	85	91	92	88	88.3			
	MIN 69	71	67	68	68	67	69	67	70	69	68	68	70	71	74	74	75	7																

DAILY TEMPERATURES

ALABAMA
AUGUST 1949

Table 5-Continued

Station		Day of month																															Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
MONTGOMERY WB APT	MAX MIN	88 70	84 69	90 72	88 70	95 68	95 71	95 72	94 70	95 71	93 70	94 70	95 71	91 72	92 74	93 74	92 74	92 75	90 74	88 72	90 72	76 66	76 64	84 66	88 65	91 67	94 69	90 70	91 71	94 67	90 69	89 70	90.2 70.2
KONTGOMERY WB CITY	MAX MIN	86 69	83 70	91 72	88 71	94 73	94 74	95 73	92 72	95 73	90 72	93 72	94 73	92 73	90 74	94 76	92 75	92 76	91 74	88 72	89 72	74 66	76 65	84 66	89 67	90 70	92 72	88 73	92 72	94 70	89 71	89 70	89.6 71.5
MUSCLE SHOALS	MAX MIN	85 63	89 64	91 68	90 69	89 68	86 70	88 69	88 70	89 69	89 71	93 69	95 71	90 69	90 71	88 71	88 74	93 72	94 76	79 71	83 68	75 65	75 64	77 66	88 64	92 63	90 68	90 68	86 67	86 67	87 66	87 67	87.4 68.4
ONEONTA	MAX MIN	90 64	91 68	85 67	90 65	90 65	92 65	92 67	91 67	94 67	93 66	94 65	95 67	97 68	94 70	94 72	92 72	95 73	94 73	90 73	91 71	70 67	69 60	88 61	88 61	93 60	95 53	90 66	91 70	91 65	93 66	90.5 66.6	
OZARK	MAX MIN	89 69	84 67	85 70	91 68	91 70	93 71	93 72	93 70	89 71	90 68	92 70	91 71	90 72	87 71	87 74	92 72	90 74	92 73	92 73	88 71	84 69	90 66	93 65	93 67	87 70	93 72	91 70	94 68	94 70	89 69	90.0 70.0	
PRATTVILLE	MAX MIN	88 70	85 70	89 70	89 69	92 68	95 70	94 71	93 70	93 71	93 72	93 70	94 71	92 73	91 72	92 70	94 74	92 74	91 74	89 73	90 73	74 69	75 65	84 65	89 64	92 66	93 66	89 72	93 72	93 72	92 69	90 70	90.0 70.2
PUSHMATAHA	MAX MIN	91 70	84 67	85 68	87 69	87 67	89 69	90 71	89 70	89 69	91 70	92 71	92 73	91 72	92 70	92 74	89 74	89 74	89 74	89 73	92 73	92 73	72 68	72 63	80 64	84 65	86 66	90 66	92 70	92 68	92 68	88.8 69.6	
ROBERTSDALE 7 MI E	MAX MIN	90 85	85 67	89 71	89 68	91 71	93 68	92 67	91 69	91 69	93 72	93 73	90 73	93 73	92 73	88 73	86 72	89 72	92 72	92 74	89 70	96 70	90 61	89 65	89 65	89 65	93 66	91 66	93 70	90 71	91 70	90.5 70.0	
ROCK MILLS	MAX MIN	91 85	90 68	92 70	96 69	97 68	97 65	97 67	97 67	95 67	91 67	95 67	93 68	93 68	90 68	90 74	87 73	87 75	93 72	91 72	92 76	73 61	86 60	90 62	92 63	93 62	90 62	92 68	92 68	92 66	88 66	90.6 67.9	
SAINT BERNARD	MAX MIN	87 62	89 61	85 67	90 64	90 65	90 67	90 64	88 66	91 67	91 65	92 64	95 65	95 67	93 67	93 67	92 71	92 69	92 69	91 69	86 69	92 59	74 59	73 59	84 65	92 58	90 60	94 66	91 67	87 61	87 62	88 65	89.1 65.0
SCOTTSBORO	MAX MIN	89 65	89 65	89 68	90 69	90 69	91 67	89 67	88 67	90 67	92 67	94 69	94 71	92 71	94 74	92 73	92 75	93 75	91 71	88 68	75 65	75 62	85 65	86 66	89 66	93 66	94 69	92 71	89 64	89 64	90 67	89.4 68.0	
SELMA	MAX MIN	90 84	88 70	88 72	90 70	92 71	92 70	91 71	90 72	91 72	91 70	91 71	92 70	90 71	90 73	91 75	90 75	89 76	88 74	88 72	81 72	77 65	80 66	85 66	89 67	94 72	93 69	93 71	92 71	93 67	91 70	89.1 71.0	
SPRING HILL	MAX MIN	89 71	88 70	82 70	90 71	93 73	92 70	95 71	94 70	91 71	94 74				94 74	91 74	91 75	91 75	93 76	95 74	97 69	87 70	87 68	90 67	91 67	94 72	92 72	94 75	89 72	91 72	91.4 71.7		
TALLADEGA	MAX MIN	91 68	87 70	89 69	90 68	92 67	94 58	94 68	92 71	93 70	95 69	95 69	96 70	92 70	92 73	94 75	92 76	92 72	91 75	90 71	89 66	76 63	70 64	85 60	90 64	92 65	96 68	90 68	92 63	91 66	89 69	87 68	90.3 68.5
THOMASVILLE	MAX MIN	87 67	85 69	90 69	86 72	91 69	92 70	93 71	92 69	92 71	92 69	93 71	93 70	92 72	92 73	93 72	91 74	91 72	92 72	93 70	80 69	80 66	85 67	88 67	91 67	93 70	91 71	92 69	91 69	92 66	89 67	90.1 69.6	
TROY	MAX MIN	95 70	88 67	81 70	85 69	89 71	91 72	93 70	94 71	93 69	93 70	91 69	91 69	93 72	92 71	88 74	90 73	89 73	93 73	90 71	91 69	92 64	85 64	80 65	90 67	91 67	92 70	92 71	86 68	91 68	94 68	93 68	90.1 69.7
TUSCALOOSA AIRPORT	MAX MIN	91 70	92 71	94 68	96 72	96 68	96 69	95 68	96 72	94 69	94 69	98 71	98 70	96 71	95 73	96 76	95 76	94 74	93 72	88 72	91 69	79 65	85 66	90 64	94 65	93 67	94 71	95 69	94 67	90 67	91 67	92.5 69.6	
TUSKEGEE	MAX MIN	89 70	86 70	89 68	90 72	92 69	94 70	94 71	92 69	94 71	92 69	91 69	92 70	92 72	90 71	89 73	89 75	86 73	88 72	93 71	80 68	75 66	83 66	92 67	94 67	95 69	90 70	92 72	95 66	95 68	90 69	90.4 70.1	
UNION SPRINGS	MAX MIN	92 57	84 66	85 66	90 67	92 66	95 68	96 68	95 68	94 67	94 67	93 67	95 67	95 67	88 69	88 71	89 72	92 72	89 72	88 71	78 69	76 62	85 63	90 63	94 65	95 65						90.1 67.4	
UNIVERSITY	MAX MIN	89 71	88 71	92 70	92 74	95 70	95 69	93 70	94 69	94 74	93 71	98 72	96 72	94 71	92 72	97 74	96 77	93 77	84 75	85 73	78 69	75 69	84 68	90 66	94 67	94 69	94 72	95 70	94 67	90 70	89 71	91.7 71.0	
VALLEY HEAD	MAX MIN	87 64	83 69	84 65	86 65	90 64	89 62	85 65	89 61	90 62	90 62	91 62	92 63	92 64	91 66	91 65	91 67	91 67	90 68	80 65	80 65	76 65	85 63	84 64	89 57	89 60	91 67	84 68	86 60	84 59	84 64	87.3 64.1	
WETUMPKA	MAX MIN	87 70	84 71	89 71	89 70	91 69	95 72	94 71	92 71	95 73	89 72	95 70	94 72	90 73	92 73	94 76	90 76	90 76	89 76	84 74	88 72	75 68	75 66	86 66	89 66	91 68	93 70	88 73	93 72	91 68	87 70	89.3 71.1	

EVAPORATION AND WIND MOVEMENT

Table 6

Station		Day of month																															Total	Departure from normal
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
AUBURN	EVAP WIND	.22 23	.16 9	.12 14	.16 10	.31 26	.27 5	.29 17	.31 18	.23 11	.23 9	.23 9	.17 4	.16 9	.21 13	.04 20	.16 53	.17 42	.07 19	.20 14	.16 10	.24 21	.04 13	.15 10	.05 6	.20 6	.27 7	.26 18	.21 80	.26 22	.21 9	.23 12	5.99 539	
FAIRHOPE	EVAP WIND	.24 16	.24 8	.17 10	.18 11	.23 9	.18 6	.25 9	.17 13	.22 8	.22 13	.23 31	.22 19	.20 19	.17 38	.20 19	.33 17	.19 36	.26 68	.22 56	.19 46	.20 42	.22 17	.24 18	.24 15	.13 13	.18 13	* 50	.48 2	.18 14	.19 14	.22 14	6.59 651	

STATION INDEX

ALABAMA
AUGUST 1948

Station	Index No	County	Drainage	Latitude	Longitude	Elevation	Observer	Refer to tables	Station	Index No	County	Drainage	Latitude	Longitude	Elevation	Observer	Refer to tables
ADREYVILLE	0008	MOORE	4	31 34	85 15		MID J. P. MITCHELL	3 4	LOCK NO 2	4830	CLARKE	13	31 33	88 01	11	7A U. S. ENGINEERS	3 4
ADRIAN	0063	WINSTON	2	34 12	87 10	1500	7A U. S. S. F.	3 4	LOCK NO 3	4830	CROXTON	13	32 17	88 01	11	7A U. S. ENGINEERS	3 4
ADRIAN CENTRAL TOWER	0071	LAWRENCE	12	34 25	87 10	1500	7A U. S. S. F.	3 4	LOCK NO 4	4830	CROXTON	13	32 17	88 01	11	7A U. S. ENGINEERS	3 4
ADRIAN (PATI) PARK	0117	LAWRENCE	12	34 41	86 55		7A U. S. S. F.	3 4	LOCK NO 5	4830	CROXTON	13	32 17	88 01	11	7A U. S. ENGINEERS	3 4
ADRIAN (PATI) PARK	0140	WINSTON	2	34 12	87 10	1500	7A U. S. S. F.	3 4	LOCK NO 6	4830	CROXTON	13	32 17	88 01	11	7A U. S. ENGINEERS	3 4
ALBANY	0118	MARSHALL	12	34 10	86 13	1114	1P PAT M. COBURN	2 3 5	LOCK NO 7	4830	CROXTON	13	32 17	88 01	11	7A U. S. ENGINEERS	3 4
ALBANY CITY 6 MI SE	0183	TALLAPOOSA	13	32 58	85 52	860	6P P. F. BLACKBURN	2 3 5	LOCK NO 8	4830	CROXTON	13	32 17	88 01	11	7A U. S. ENGINEERS	3 4
ALBUQUERQUE	0178	PICKENS	13	32 58	85 52	860	6P P. F. BLACKBURN	2 3 5	LOCK NO 9	4830	CROXTON	13	32 17	88 01	11	7A U. S. ENGINEERS	3 4
ALBUQUERQUE	0252	COVINGTON	6	31 19	86 30	740	8A W. W. GARRETT	2 3 5	LOCK NO 10	4830	CROXTON	13	32 17	88 01	11	7A U. S. ENGINEERS	3 4
ALBUQUERQUE	0272	CALHOUN	7	33 35	85 51		MID MID U. S. WEATHER BUREAU	2 3 4 5	LOCK NO 11	4830	CROXTON	13	32 17	88 01	11	7A U. S. ENGINEERS	3 4
ARLEY	0038	WINSTON	2	34 04	87 13		7A U. S. S. F.	3 4	LOCK NO 12	4830	CROXTON	13	32 17	88 01	11	7A U. S. ENGINEERS	3 4
ARLEY	0099	CLAY	11	33 16	85 50		MID MID U. S. WEATHER BUREAU	2 3 4 5	LOCK NO 13	4830	CROXTON	13	32 17	88 01	11	7A U. S. ENGINEERS	3 4
ARLEY	0077	CLAY	11	33 16	85 50		MID MID U. S. WEATHER BUREAU	2 3 4 5	LOCK NO 14	4830	CROXTON	13	32 17	88 01	11	7A U. S. ENGINEERS	3 4
ARLEY	0080	LAWRENCE	12	34 48	86 59	780	7A U. S. S. F.	3 4	LOCK NO 15	4830	CROXTON	13	32 17	88 01	11	7A U. S. ENGINEERS	3 4
ARLEY STATE PARK	0402	SCAMBLA	13	31 18	87 28	732	8A MRS. MARGARET I. MOORE	2 3 5 6	LOCK NO 16	4830	CROXTON	13	32 17	88 01	11	7A U. S. ENGINEERS	3 4
ARLEY	0442	LEE	11	32 36	85 29		MID MRS. S.	3 4 5	LOCK NO 17	4830	CROXTON	13	32 17	88 01	11	7A U. S. ENGINEERS	3 4
ARLEY	0440	ARIZONA	13	32 36	86 38		7A U. S. S. F.	3 4	LOCK NO 18	4830	CROXTON	13	32 17	88 01	11	7A U. S. ENGINEERS	3 4
ARLEY	0546	COLBERT	13	34 43	87 53	463	7A U. S. S. F.	3 4	LOCK NO 19	4830	CROXTON	13	32 17	88 01	11	7A U. S. ENGINEERS	3 4
ARLEY	0583	BALDWIN	9	30 53	87 47	268	7P GROVER W. WOODWARD	2 3 5	LOCK NO 20	4830	CROXTON	13	32 17	88 01	11	7A U. S. ENGINEERS	3 4
ARLEY	0616	MOORE	1	31 44	87 13		7A U. S. S. F.	3 4	LOCK NO 21	4830	CROXTON	13	32 17	88 01	11	7A U. S. ENGINEERS	3 4
ARLEY	0671	FRANKLIN	12	34 28	87 52	910	MID U. S. WEATHER BUREAU	2 3 4 5	LOCK NO 22	4830	CROXTON	13	32 17	88 01	11	7A U. S. ENGINEERS	3 4
ARLEY	0671	FRANKLIN	12	34 28	87 52	910	MID U. S. WEATHER BUREAU	2 3 4 5	LOCK NO 23	4830	CROXTON	13	32 17	88 01	11	7A U. S. ENGINEERS	3 4
ARLEY	0780	MARION	13	34 12	88 09		MID W. W. WHITEHEAD	2 3 4	LOCK NO 24	4830	CROXTON	13	32 17	88 01	11	7A U. S. ENGINEERS	3 4
ARLEY	0823	WINSTON	2	34 04	87 13		7A U. S. S. F.	3 4	LOCK NO 25	4830	CROXTON	13	32 17	88 01	11	7A U. S. ENGINEERS	3 4
ARLEY	0836	JEFFERSON	2	33 32	86 45	694	7P MRS. KARRIE B. BORTON	2 3 5	LOCK NO 26	4830	CROXTON	13	32 17	88 01	11	7A U. S. ENGINEERS	3 4
ARLEY	0836	COLBERT	12	34 39	88 05	470	7A U. S. S. F.	3 4	LOCK NO 27	4830	CROXTON	13	32 17	88 01	11	7A U. S. ENGINEERS	3 4
ARLEY	0837	MARSHALL	12	34 39	88 05	470	7A U. S. S. F.	3 4	LOCK NO 28	4830	CROXTON	13	32 17	88 01	11	7A U. S. ENGINEERS	3 4
ARLEY	1066	CHESBROUGH	6	31 35	86 16	284	8A R. E. BENDERSON	2 3 5	LOCK NO 29	4830	CROXTON	13	32 17	88 01	11	7A U. S. ENGINEERS	3 4
ARLEY	1084	SCAMBLA	13	31 04	87 03	85	8P MRS. CLARA T. PEAVY	2 3 5	LOCK NO 30	4830	CROXTON	13	32 17	88 01	11	7A U. S. ENGINEERS	3 4
ARLEY	1099	JACKSON	12	34 56	85 44	860	5P MISS M. LOUISE JONES	2 3 5	LOCK NO 31	4830	CROXTON	13	32 17	88 01	11	7A U. S. ENGINEERS	3 4
ARLEY	1178	PIKE	5	31 43	85 49	515	8A G. L. RICKS	2 3 5	LOCK NO 32	4830	CROXTON	13	32 17	88 01	11	7A U. S. ENGINEERS	3 4
ARLEY	1286	PIKE	5	31 43	85 49	515	8A G. L. RICKS	2 3 5	LOCK NO 33	4830	CROXTON	13	32 17	88 01	11	7A U. S. ENGINEERS	3 4
ARLEY	1315	CLARKE	13	31 55	87 59		MID E. DOUGLAS REED	2 3 4	LOCK NO 34	4830	CROXTON	13	32 17	88 01	11	7A U. S. ENGINEERS	3 4
ARLEY	1337	WALKER	2	32 54	87 32	430	7A MISS MARY C. RAY	2 3 5	LOCK NO 35	4830	CROXTON	13	32 17	88 01	11	7A U. S. ENGINEERS	3 4
ARLEY	1492	MORGAN	12	34 32	86 38	780	7A U. S. S. F.	3 4	LOCK NO 36	4830	CROXTON	13	32 17	88 01	11	7A U. S. ENGINEERS	3 4
ARLEY	1566	WASHINGTON	13	31 28	88 15	230	6P W. W. WHITEHEAD	2 3 4	LOCK NO 37	4830	CROXTON	13	32 17	88 01	11	7A U. S. ENGINEERS	3 4
ARLEY	1613	TALLADEGA	13	32 17	86 38	540	8A R. E. BENDERSON	2 3 5	LOCK NO 38	4830	CROXTON	13	32 17	88 01	11	7A U. S. ENGINEERS	3 4
ARLEY	1683	MOBILE	9	30 55	88 16	331	6P D. O. JONES	2 3 5	LOCK NO 39	4830	CROXTON	13	32 17	88 01	11	7A U. S. ENGINEERS	3 4
ARLEY	1694	CHILTON	7	32 21	86 38	590	7A HUGH M. SIMPSON	2 3 5	LOCK NO 40	4830	CROXTON	13	32 17	88 01	11	7A U. S. ENGINEERS	3 4
ARLEY	1725	BARBOUR	9	31 53	85 27	790	7A EDWARD E. POPE	2 3 5	LOCK NO 41	4830	CROXTON	13	32 17	88 01	11	7A U. S. ENGINEERS	3 4
ARLEY	1807	GIBBS	5	31 53	85 27	790	7A EDWARD E. POPE	2 3 5	LOCK NO 42	4830	CROXTON	13	32 17	88 01	11	7A U. S. ENGINEERS	3 4
ARLEY	1849	DE KALB	9	31 53	85 27	790	7A EDWARD E. POPE	2 3 5	LOCK NO 43	4830	CROXTON	13	32 17	88 01	11	7A U. S. ENGINEERS	3 4
ARLEY	1865	HOUSTON	5	31 18	85 06	130	8A C. O. THOMPSON	2 3 5	LOCK NO 44	4830	CROXTON	13	32 17	88 01	11	7A U. S. ENGINEERS	3 4
ARLEY	1940	WALKER	2	32 54	87 32	430	7A MISS MARY C. RAY	2 3 5	LOCK NO 45	4830	CROXTON	13	32 17	88 01	11	7A U. S. ENGINEERS	3 4
ARLEY	2079	SUMNER	13	32 28	86 23	215	7A R. E. BENDERSON	2 3 5	LOCK NO 46	4830	CROXTON	13	32 17	88 01	11	7A U. S. ENGINEERS	3 4
ARLEY	2119	TALLAPOOSA	13	32 50	85 45	760	8A DR. W. D. FULTON	2 3 5	LOCK NO 47	4830	CROXTON	13	32 17	88 01	11	7A U. S. ENGINEERS	3 4
ARLEY	2124	TALLAPOOSA	13	32 50	85 45	760	8A DR. W. D. FULTON	2 3 5	LOCK NO 48	4830	CROXTON	13	32 17	88 01	11	7A U. S. ENGINEERS	3 4
ARLEY	2141	PICKENS	13	33 01	86 17	207	7P E. F. SMITH	2 3 5	LOCK NO 49	4830	CROXTON	13	32 17	88 01	11	7A U. S. ENGINEERS	3 4
ARLEY	2148	MORGAN	12	34 32	86 38	780	7A U. S. S. F.	3 4	LOCK NO 50	4830	CROXTON	13	32 17	88 01	11	7A U. S. ENGINEERS	3 4
ARLEY	2188	MARION	13	34 12	88 09		7P JAMES M. CREWS	2 3 5	LOCK NO 51	4830	CROXTON	13	32 17	88 01	11	7A U. S. ENGINEERS	3 4
ARLEY	2207	MORGAN	12	34 37	86 58	573	6P MRS. FRED TRIMBLE	2 3 5	LOCK NO 52	4830	CROXTON	13	32 17	88 01	11	7A U. S. ENGINEERS	3 4
ARLEY	2216	MORGAN	12	34 37	86 58	573	6P MRS. FRED TRIMBLE	2 3 5	LOCK NO 53	4830	CROXTON	13	32 17	88 01	11	7A U. S. ENGINEERS	3 4
ARLEY	2221	MORGAN	12	34 36	86 58	568	8A U. S. S. F.	3 4	LOCK NO 54	4830	CROXTON	13	32 17	88 01	11	7A U. S. ENGINEERS	3 4
ARLEY	2240	MARION	13	34 12	88 09		7A J. A. ROBERTSON	2 3 5	LOCK NO 55	4830	CROXTON	13	32 17	88 01	11	7A U. S. ENGINEERS	3 4
ARLEY	2248	MORGAN	12	34 37	86 58	573	6P MRS. FRED TRIMBLE	2 3 5	LOCK NO 56	4830	CROXTON	13	32 17	88 01	11	7A U. S. ENGINEERS	3 4
ARLEY	2257	COFFEE	10	30 21	85 04	204	8A D. E. ROBERTS	2 3 5	LOCK NO 57	4830	CROXTON	13	32 17	88 01	11	7A U. S. ENGINEERS	3 4
ARLEY	2632	TUSCALOOSA	13	33 15	87 48		7A E. V. BERRY	2 3 5	LOCK NO 58	4830	CROXTON	13	32 17	88 01	11	7A U. S. ENGINEERS	3 4
ARLEY	2727	BARBOUR	9	31 53	85 27	790	7A EDWARD E. POPE	2 3 5	LOCK NO 59	4830	CROXTON	13	32 17	88 01	11	7A U. S. ENGINEERS	3 4
ARLEY	2742	GRENE	2	32 47	87 01		7A E. V. BERRY	2 3 5	LOCK NO 60	4830	CROXTON	13	32 17	88 01	11	7A U. S. ENGINEERS	3 4
ARLEY	2743	WINSTON	2	34 04	87 13		7A U. S. S. F.	3 4	LOCK NO 61	4830	CROXTON	13	32 17	88 01	11	7A U. S. ENGINEERS	3 4
ARLEY	2813	BALDWIN	9	30 53	87 53	230	6P W. W. WHITEHEAD	2 3 4	LOCK NO 62	4830	CROXTON	13	32 17	88 01	11	7A U. S. ENGINEERS	3 4
ARLEY	2840	MORGAN	12	34 32	86 38	780	7A U. S. S. F.	3 4	LOCK NO 63	4830	CROXTON	13	32 17	88 01	11	7A U. S. ENGINEERS	3 4
ARLEY	2846	WINSTON	2	34 04	87 13		7A U. S. S. F.	3 4	LOCK NO 64	4830	CROXTON	13	32 17	88 01	11	7A U. S. ENGINEERS	3 4
ARLEY	2847	MARION	13	34 12	88 09		7A U. S. S. F.	3 4	LOCK NO 65	4830	CROXTON	13	32 17	88 01	11	7A U. S. ENGINEERS	3 4
ARLEY	2848	WINSTON	2	34 04	87 13		7A U. S. S. F.	3 4	LOCK NO 66	4830	CROXTON	13	32 17	88 01	11	7A U. S. ENGINEERS	3 4
ARLEY	2849	FAVETTE	12	34 48	85 51		7A U. S. S. F.	3 4	LOCK NO 67	4830	CROXTON	13	32 17	88 01	11	7A U. S. ENGINEERS	3 4
ARLEY	2849	FAVETTE	12	34 48	85 51		7A U. S. S. F.	3 4	LOCK NO 68	4830	CROXTON	13	32 17	88 01	11	7A U. S. ENGINEERS	3 4
ARLEY	2849	FAVETTE	12	34 48	85 51		7A U. S. S. F.	3 4	LOCK NO 69	4830	CROXTON	13	32 17	88 01	11	7A U. S. ENGINEERS	3 4
ARLEY	2849	FAVETTE	12	34 48	85 51		7A U. S. S. F.	3 4	LOCK NO 70	4830	CROXTON	13	32 17	88 01	11	7A U. S. ENGINEERS	3 4
ARLEY	2849	FAVETTE	12	34 48	85 51		7A U. S. S. F.	3 4	LOCK NO 71	4830	CROXTON	13	32 17	88 01	11	7A U. S. ENGINEERS	3 4
ARLEY	2849	FAVETTE	12	34 48	85 51		7A U. S. S. F.	3 4	LOCK NO 72	4830	CROXTON	13	32 17	88 01	11	7A U. S. ENGINEERS	3 4
ARLEY	2849	FAVETTE	12	34 48	85 51		7A U. S. S. F.	3 4	LOCK NO 73	4830	CROXTON	13	32 17	88 01	11	7A U. S. ENGINEERS	3 4

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CLIMATOLOGICAL DATA

ALABAMA

SEPTEMBER 1949

Volume LV No. 9



A. R. Long, Section Director - Montgomery

General Summary

A very unusual feature of the weather during the past summer, including the month of September, was the frequency with which northern air masses invaded the Gulf coast area. The summer season of scattered thundershowers continued later than usual on account of the changes in these relatively cool air masses while flowing briefly across the warm water off the Atlantic and Gulf coasts.

Temperatures during September were mostly relatively mild, as could be expected from this abnormal circulation, and warmer weather than normal occurred only from the 15th through the 19th. It was during this period that a few stations had maximum readings as high as 95 degrees on one or more days. Minimum temperatures on the morning of the 30th were extremely unusual. A few stations in the north had readings in the middle thirties, and temperatures below 50 degrees extended deep into the coastal counties.

Showers, which began on the 4th, became general on the 6th, and were quite heavy at the majority of stations in the north, some central localities, and near the coast. Thereafter rains for the State as a whole were light. However, light showers in scattered areas occurred on frequent dates, and there was no period of more than three days when no station in the State reported any rain.

Sectional differences in monthly rainfall totals were great, and the means for the Middle and Southern Divisions were not representative of much of those areas. The area including most of Chambers, Lee, and Russell Counties, and another area including most of Montgomery, Lowndes, Butler, and Crenshaw Counties, had an average of not over an inch of rain, and the average over the entire south-east and east central portions was barely more than an inch and a half. On the other hand, there was a strip extending from southern Jefferson County to eastern Sumter County with more than six inches for the month. Monthly totals near the coast were also quite heavy, but not much in excess of normal for that area.

The month as a whole was not unfavorable for farm work, and both harvesting operations and fall planting ran ahead of schedules. At the end of September, cotton picking was more than two thirds complete in many central counties, peanut digging was more than 80 percent complete, and some early plantings of grains and legumes were up to good stands and making excellent progress. Also at this time farmers were harvesting soybeans in Baldwin, Escambia, and Mobile Counties. The soil became too dry for the best germination in the southeast and east central sections, but pastures furnished more grazing than is normally available during September over the western and northern portions.

There were no severe local windstorms nor hail storms reported, but a house was burned down in Phenix City on the afternoon of the 6th as the result of lightning.

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ACKNOWLEDGMENTS

In addition to the climatological data from some 6,000 Weather Bureau and cooperative weather stations, this bulletin series contains records from Hydroclimatic Network Stations which were formerly reproduced in the Hydrologic Bulletin Series. The Hydroclimatic Network is a nationwide net of rain gages--mostly of the recording type which produce continuous records of precipitation. It was established in 1939 at the request of the Corps of Engineers, Department of the Army, to supplement existing precipitation stations in order to provide records of rainfall intensity which were essential to the planning of flood control and related works by the Corps of Engineers. This Network, now numbering about 2,000 recording, and 1,000 non-recording rain gages, has been maintained by the Weather Bureau through working funds transferred annually to the Weather Bureau by the Corps of Engineers. These transfers averaged about \$250,000 per year between 1940 and 1944, and nearly \$375,000 since that date. For the years 1940-42, the Department of Agriculture transferred about \$100,000 per year to provide data required in its work, and since 1947 the Bureau of Reclamation has transferred about \$25,000 per year to meet the increasing needs of their program in the Western States.

Previous to the introduction of this bulletin series, data from Hydroclimatic Network stations were presented in bulletins (Hydrologic Bulletins) which were issued monthly for each of 8 drainage areas embracing the entire United States, but since the Network was established to meet the internal requirements of the Federal agencies referred to above, no provision was made for public dissemination of the data, distribution being limited to cooperating agencies and to certain public repositories. A list of locations where reference copies of the Hydrologic Bulletin Series are available for inspection may be obtained upon application to Chief, U.S. Weather Bureau, Washington 25, D.C.

Many other records published in this bulletin have been made available through the cooperation of various public offices, private agencies, and individuals as listed in the Station Index.

PRESSURE, WIND, HUMIDITY, SUNSHINE, DEGREE DAYS

ALABAMA
SEPTEMBER 1949

Station	Sea level pressure extremes— <i>inches</i>				Wind speed— <i>m. p. h.</i>				Relative humidity averages— <i>percent</i>				Sunshine	
	Highest	Date	Lowest	Date	Average	Maximum	Direction of maximum	Date of maximum	1:30 a. E. S. T.	7:30 a. E. S. T.	1:30 p. E. S. T.	7:30 p. E. S. T.	Percent of possible	Degree days 65° base
ANNISTON WB AIRPORT	30.27	30	29.81	28	5.9	-	-	-	90	90	55	76	-	21
BIRMINGHAM WB AIRPORT	30.27	30	29.84	28	7.5	30	NE	24	85	87	53	69	55	25
MOBILE WB CITY	30.18†	30	29.83†	28	8.7	47	SE	4	88†	90†	64†	78†	56	2
MONTGOMERY WB CITY	30.23†	30	29.79†	28	6.8	28	N	28	85†	89†	54†	66†	64	5
† AIRPORT DATA														

COMPARATIVE DATA

Table 1

Year	Temperature			Precipitation		Year	Temperature			Precipitation		Year	Temperature			Precipitation	
	Average	Highest	Lowest	Average	No. of days .01 or more		Average	Highest	Lowest	Average	No. of days .01 or more		Average	Highest	Lowest	Average	No. of days .01 or more
1884	77.9	97	45	0.64	2	1909	75.1	101	35	2.82	7	1934	75.1	99	48	2.02	6
1885	74.3	95	40	5.35	11	1910	77.5	101	45	2.21	6	1935	75.2	99	40	2.35	5
1886	76.0	95	42	1.61	5	1911	80.4	105	52	2.32	6	1936	78.5	100	46	2.80	7
1887	74.6	104	39	3.34	4	1912	77.1	103	46	4.70	9	1937	73.7	97	40	3.96	7
1888	71.7	90	35	4.76	9	1913	73.2	103	34	6.95	11	1938	75.3	102	39	1.40	4
1889	73.3	100	36	4.04	6	1914	73.1	100	42	4.69	8	1939	77.3	101	50	3.92	7
1890	73.7	97	48	6.25	12	1915	76.6	102	40	4.43	5	1940	73.7	100	36	1.47	3
1891	73.8	95	46	1.96	5	1916	73.7	100	35	2.18	6	1941	78.2	101	43	2.76	6
1892	72.0	97	37	3.20	4	1917	73.1	98	40	6.42	7	1942	73.4	99	35	4.08	7
1893	74.8	100	40	4.47	7	1918	70.1	97	34	4.26	7	1943	72.7	98	38	4.40	8
1894	75.5	96	45	2.58	6	1919	75.3	100	44	0.77	2	1944	76.5	103	48	4.79	8
1895	78.5	101	34	1.46	5	1920	77.0	99	34	3.31	6	1945	78.3	102	50	3.46	8
1896	76.0	104	35	1.76	4	1921	81.2	102	53	2.73	7	1946	73.4	98	45	6.08	9
1897	75.7	102	33	0.65	2	1922	77.5	102	45	1.51	5	1947	76.9	102	37	2.61	6
1898	75.5	100	48	3.81	6	1923	76.3	96	46	1.21	4	1948	73.5	101	43	4.67	
1899	72.9	104	30	0.67	2	1924	72.9	99	30	3.41	8	1949	73.4	97	35	3.31	
1900	77.9	100	46	4.01	4	1925	83.5	112	59	2.71	6	Period	75.6	112	30	3.29	
1901	72.4	95	39	4.08	6	1926	79.4	99	54	5.42	8						
1902	73.4	97	34	4.24	8	1927	77.8	105	36	1.43	3						
1903	73.4	102	35	1.49	3	1928	73.7	98	36	2.92	6						
1904	77.0	104	40	1.34	4	1929	74.7	98	43	5.85	11						
1905	76.3	102	46	2.57	6	1930	77.0	101	42	6.38	12						
1906	78.5	100	58	8.42	14	1931	79.7	106	42	1.25	4						
1907	75.0	104	42	5.41	9	1932	75.0	100	45	4.80	8						
1908	74.5	101	33	2.33	5	1933	79.6	102	41	2.30	6						

See reference notes following Station Index

CLIMATOLOGICAL DATA

ALA
SEPTEMBER

Table 2

Station	Temperature								Precipitation									
	Average	Departure from normal	Highest	Date	Lowest	Date	No. of days		Total	Departure from normal	Greatest day	Date	Snow, Sleet, Hail			No. of days		
							Max. 90° or above	Min. 32° or below					Total	Max. depth on ground	Date	1 or more	25 or more	100 or more
NORTHERN DIVISION																		
ALBERTVILLE 1 MILE S	69.2M	- 3.5	90	18	40	30	1		3.88	0.71	2.70	6				6	2	
ANNISTON WB AIRPORT	70.8	- 3.3	90	15+	39	30	4		1.20	- 2.47	0.50	5				7	1	
BIRMINGHAM WB AIRPORT	71.5	- 1.7	90	16+	39	30	3		4.31	0.93	2.10	5				7	3	2
BIRMINGHAM WB CITY	73.8	- 1.0	92	7+	41	30	8		3.72	0.34	1.98	5				9	3	1
CORDOVA	72.2	- 2.2	92	19	36	30	4		4.16	1.57	1.81	6				6	5	2
DECATUR	71.1	- 3.0	89	15+	44	30			4.37	2.00	2.96	6				7	3	1
FAYETTE	71.7	-	91	18	35	30	5		3.32	0.33	2.16	5				6	3	1
GADSDEN	70.5	- 4.5	92	18	37	30	6		4.09	1.08	2.10	6				8	3	2
GOODWATER	72.2	- 3.3	93	18	41	30	4		1.06	- 1.71	0.83	6				3	1	
HALEYVILLE	71.2M	-	90	17	47	25+	1		5.51	-	3.05	6				6	6	1
HUNTSVILLE	69.5	-	89	17	41	30			3.97	1.01	2.64	6				5	3	1
LINCOLN	72.4	-	93	18	41	30	6		1.99	-	0.68	5				6	3	
MADISON	69.1	- 5.6	90	17	40	30	1		5.80	2.79	3.35	6				9	4	1
MUSCLE SHOALS	69.4	- 4.6	89	15	43	30			2.67	- 0.18	1.53	5				6	3	1
ONEONTA	69.9	- 2.5	92	18	35	30	6		3.70	0.73	2.75	6				4	3	1
ROCK MILLS	72.6	-	92	8+	43	30	9		1.46	- 1.23	0.99	6				7	1	
SAINT BERNARD	70.5	- 2.9	91	19	41	30	1		4.72	1.93	2.19	6				9	4	2
SAND MTN STA FARM AP	68.5	-	88	18	38	30			3.03	-	1.12	5				7	4	2
SCOTTSBORO	69.9	- 2.8	91	17	41	30	4		2.93	0.09	1.02	5				11	3	1
TALLADEGA	72.4	- 2.7	93	18	39	30	5		1.95	- 1.06	0.96	5				7	2	
TUSCALOOSA AIRPORT	73.8	- 2.5	94	19	42	30	7		3.52	0.69	3.25	5				6	1	1
UNIVERSITY	74.3	- 2.0	95	19	42	30	7		4.17	1.34	3.44	5				6	2	1
VALLEY HEAD	67.5	- 4.8	89	17+	37	30			4.17	1.62	1.81	6				5	4	2
DIVISION	71.0								3.47									
MIDDLE DIVISION																		
ALEXANDER CITY 6 NE	72.2	-	91	15+	40	30	4		1.92	-	0.84	19				7	3	
AUBURN	73.5	- 2.6	93	16	44	30	6		1.16	- 1.94	0.87	7				5	1	
CENTREVILLE	-	-	95	17	-	-	10		4.90	1.94	2.65	6				5	4	1
CLANTON	73.0	- 2.5	92	16+	41	30	6		1.76	- 1.23	0.69	6				6	3	
DAYTON	74.3M	-	97	18	42	30			3.13	-	2.02	5				6	4	1
EUFULA	74.9M	- 1.4	94	16+	43	30	10		1.11	- 2.34	0.35	18				6	2	
GREENSBORO	74.9	- 1.2	93	2	43	30	8		6.44	3.36	4.79	5				8	3	2
GREENVILLE	75.2	- 1.5	92	16	45	30	9		0.62	- 2.70	0.24	6				7		
HIGHLAND HOME	74.4	- 2.3	93	15+	45	30	7		0.82	- 2.35	0.36	5				4	2	
LA FAYETTE	72.1	-	92	16+	41	30	5		0.67	-	-					5		
LIVINGSTON	74.3	- 1.1	93	17	42	30	6		6.38	3.96	4.33	5				7	3	1
MAXWELL FIELD	75.4	-	92	8+	48	30	7		1.46	-	0.82	5				5	3	
MONTGOMERY WB AIRPORT	74.6	-	93	17	44	30	9		1.78	-	0.92	19				4	2	
MONTGOMERY WB CITY	75.1	- 1.2	92	17+	48	30	6		0.72	- 2.27	0.42	5				5	2	
PRATTVILLE	75.0	- 0.8	94	18	47	30	7		1.65	- 1.55	0.79	20				5	2	
PUSHMATAHA	73.7	- 2.3	91	17+	45	30	6		4.79	1.08	4.45	5				2	2	1
SELMA	77.3	0.1	93	1+	44	30	11		2.65	- 0.08	2.13	6				7	2	1
THOMASVILLE	74.5	- 2.0	93	17+	44	30	4		2.94	- 0.40	1.40	5				7	3	1
TROY	75.5	- 1.8	95	18	45	30	9		1.28	- 2.98	0.57	4				5	3	
TUSKEGEE	75.2M	- 2.1	96	16+	42	30	11		1.23	- 1.22	0.64	6				8	2	
UNION SPRINGS	73.7M	- 2.6	95	17	41	30			-	-	-							
WETUMPKA	75.8	- 1.7	94	18	44	30	9		1.42	- 1.55	0.84	6				3	2	
DIVISION	74.5								2.33									
SOUTHERN DIVISION																		
ANDALUSIA	76.2	-	95	19	44	30	13		0.80	-	0.31	22				5	1	
ATMORE STATE FARM	76.6	-	95	17+	42	30	11		3.09	-	2.18	5				5		
BAY MINETTE	77.9	0.5	93	18	49	29	11		4.62	- 1.88	2.41	4				9	5	1
BREWTON 3 MILES SSE	75.3M	- 1.7	93	16+	43	30	11		2.78	- 1.82	0.75	22				7	5	
CHAOTON	74.8	-	95	18	41	30	10		6.47	-	2.49	5				8	4	3
CITRONELLE	76.4	- 1.5	92	16+	48	30	8		4.51	- 0.39	2.07	4				8	7	1
DOTHAN CAA AIRPORT	75.9	-	95	18	47	30	10		2.45	- 2.71	1.01	16				7	4	1
EVERGREEN	75.7	- 1.6	95	19	45	30	11		1.96	- 1.96	1.03	17				6	3	1
FAIRHOPE	75.8	- 2.4	94	18	46	30	11		7.89	1.70	4.49	4				10	5	2
FORT MORGAN	78.9	-	93	1	58	30	5		7.38	-	3.20	4				9	5	2
FRISCO CITY	75.5	-	93	9	46	30	11		4.99	1.36	2.47	5				7	3	2
GENEVA	76.4	-	96	19	46	30	12		3.21	- 1.07	1.14	19				11	5	1
LOCKHART	75.8	-	93	16	46	30	7		4.56	-	1.08	17				10	5	1
MOBILE WB AIRPORT	76.1	-	92	7+	47	30	8		8.35	-	2.25	5				9	5	4
MOBILE WB CITY	77.7	- 0.4	92	8	51	30	5		5.45	0.45	2.94	4+				9	3	2
OZARK	75.8	- 1.7	95	15	46	30	8		3.10	- 1.07	1.80	3				10	2	1
ROBERTSDALE 7 MILES E	76.0	-	92	8	49	30	7		7.64	1.11	2.43	4				10	7	2
SPRING HILL	77.1M	- 0.7	94	19	49	30	11		9.98	4.53	-					9		
DIVISION	76.3								4.96									
STATE	73.4	- 3.2							3.31	0.02								

See reference notes following Station Index.

DAILY PRECIPITATION

ALABAMA
SEPTEMBER 1949

Table 3

Station		Day of month																															Total
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
ABBEVILLE	R		.44	.38		.04													.85	.03			.28					.08				1.25	
ADDISON	R			.69	.06	3.01	.07										.07		.85										.47			5.22	
ADDISON CNTEL TOWER					1.13		1.70											.53														4.21	
ALABAMA STATE FARM				.35	1.05	1.40	.50									.10	.16		1.30											.15	.85	5.01	
ALBERTA				.76		.36	2.69										.07	.06			20									.06		4.20	
ALBERTVILLE 1 MI S							2.70	.65				.10					.10													.13	.20	3.86	
ALEXANDER CTY 6 MI NE					.10	.57	.25													.84			.04					.04			.08	1.92	
ALICEVILLE							3.15																									.80	
ANDALUSIA						.10	.24													.11			.31	.04								1.20	
ANNISTON WB AIRPORT				.19	.50	.09	T						.01				.08		T		.09							T		.24			
ARLEY						.45	.98	3.02													.19											.49	
ASHLAND	R					.46	1.19																		.02			.10				5.13	
ASHVILLE				.14	.06	1.52	.15												.38													2.78	
ATHENS				.38	.33	1.51	.05							.06		.18	.31	.01	.30			.13	*	.60		.23					.02	3.38	
ATMORE STATE FARM	Z			*	2.18	.18																										3.09	
AUBURN	R	.02					.23	.87														.02							.02			1.16	
AUBURN SCS 10						.06	1.22															.05										1.33	
AUTAGAVILLE							.86																									.86	
BARTON					.05	.10	.68	.10									.05					.03										1.01	
BAY MINETTE			.21	2.41	.30	.11				.34								.05				.13		.75	.32							4.62	
BEATRICE					.85	1.15																										2.00	
BELGREEN	R		.44	.23	1.34	.12										.09	.23		.36	.16												2.97	
BERRY	R				*	2.81																											
BEKAR 2 MILES SE	R			.08	.03	1.53	.20									.24	.51		.05	.09												2.73	
BILLINGSLEY						1.96																		.14								.12	2.22
BIRMINGHAM WB APT	Z		T	T	2.10	T	T						.03			.80		.01	1.20					T			T	.01	.16			4.31	
BIRMINGHAM WB CITY			.13	T	1.98	.39	T						.12			.10		T	.75				T		.02			T	.12	.11		3.72	
BISHOP				.53	.23	.48											.20	.07			.20											1.71	
BRANTLY						.37	.06															.47			.19							1.09	
BREWTON 3 MILES SSE					.31	.32	.30			.21													.72	.75	.17							2.78	
BRIDGPORT 2 MI W				.39	.85	.48							.10			.36													.55	.07		2.80	
BRUNDIDGE			.16	.20		T	.20														T	.13		.06	.12							.86	
CALERA							1.70																									2.20	
CAMPBELL	R				1.02	1.85				.13							.05				.26	.35								.02	.15	3.33	
CARBON HILL				.40	1.12	1.92	.20										.30															4.24	
CENTER GROVE					.59	2.13	.78	T								.92	T				17	T		.23	T				.19	T		5.01	
CENTREVILLE					.67	2.65															.82		.17									4.90	
CHATOM			.19	1.85	2.49		.88			T									.10	.02	1.12	.57	.17									6.47	
CHILDERSBURG																					.08											.18	
CITRONELLE				.53	2.07	.34				.33									.14	T		.45	.26	.39								4.51	
CLANTON		.08					.69													.66			T	.05								1.76	
CLAYTON								.65																								1.05	
COFFEE SPRINGS	T		.40	T			.10																	.65				.22	.18			1.15	
COLLINSVILLE				.14	.04	1.54									1.10				1.75	.23	T											5.86	
COLUMBIA	.38		3.21	.12		1.13																		.22	.42					.03	.02	5.50	
CORONA					.27	1.09	1.81	.12														.52										4.16	
CUBA						3.94																										4.99	
DADEVILLE		.38			T	.52													.18		.02	.82		.05	T							1.16	
DADEVILLE NC 2	R				.06	.54												.09			.09	.05										3.83	
DANCY				.83	2.20									.04																			
DANVILLE				.65	.45	2.30	.25																									4.12	
DAYTON			.30	.25	2.02	.02															.48											3.19	
DECATUR				.56	.24	2.96	.41								.02			.15	T	.03												4.17	
DECATUR NO 4				.40	.25	2.96	.41								.05			.08														1.15	
DECATUR SUBSTATION				.34	.69	2.10	.13								.01			.28		.04												4.59	
DEMOPOLIS					3.63	.36				.12									.51		.95		.18									4.2	
ROTHAN CAA AIRPORT	Z	.02	.34	.37		.06	.20		.36								1.01			.02	T		.45									2.43	
ELBA				.27	T																.03	.93		.32								1.1	
ELROD				.20	2.70																											3.45	
EUFULIA	.15		.21			.02												.05	.35											.33		1.11	
EUFULA LOCK NO 7	Z				5.02	.61				.37									.14		.03		.01										

ALABAMA
SEPTEMBER 1949

SEPTEMBER 1949

See reference notes following Station Index

HOURLY PRECIPITATION

ALABAMA
SEPTEMBER 1949

Table 4

Station	A. M. Hour ending												P. M. Hour ending												Total	
	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12		
-2d-																										
ABBEVILLE														.12	.02				.11	.05	.07	.04	.02	.01	.44	
DOTHAN CAA AIRPORT																.30				.02	.03	.01			.37	
WIDMAY																				.07					.07	
NEW BROCKTON																		.01	.01						.02	
TROY																				.03		.03			.06	
-3d-																										
ABBEVILLE																	.10	.28							.38	
ADDISON											.05	.01	.02	.02	.61	.01						.01	.01		.69	
BELGREEN														.05	.25	.09									.44	
BERRY							*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
BEXAR 2 MILES SE														.01	.03	.02	.01	.01							.08	
BOAZ															.22	.01	.01								.24	
DOTHAN CAA AIRPORT																	.13	.11							.24	
FLAT ROCK			.05	.10	.40	.14	.04			.37	1.54	.05							.04						.04	
FORT MORGAN	//												.13	.01	.12	.04	.36								2.85	
FORT PAYNE															.52	.04	.01	.01							.50	
GARDEN CITY																		.50	.01						.58	
GUNTERVILLE REC																									.51	
HALEYVILLE													.20	.01	.20						.01	.01			.43	
MOBILE WB AIRPORT	6	*	*	*	*	*	1.10	*	*	*	*	*	*	.43	*	*	*	*	*	.03	*	*	*	*	*	1.11
MOBILE WB CITY					.18	.71	.12						.08				.02								.09	
MOULTON																.09	*	*	*	*						
MUSCLE SHOALS	6														*	*	*	*	*	.18					.15	
NEW BROCKTON																		.15							.41	
PAINT ROCK															.40	.01									.02	
PETERMAN															.05	.41	.38	.01					.02		.04	
TONEY																			.43	.10					.85	
TROY													*	.03											.53	
TUSCALOOSA AIRPORT	6						*	*	*	*	*	*	.34	.04											.38	
UNIVERSITY																										
-4th-																										
ADDISON														*	*	*	*	*	.19	.02	.02	.01		.01	.06	
ANNISTON WB AIRPORT	6						.01	.09	.03	.03		.06	.23	.30	.05	.18	.12	.01						.01	1.12	
ATMORE STATE FARM															.23										.23	
BELGREEN														*	*	*	*	*	*	*	*	*	*	*	*	
BERRY																										
BEXAR 2 MILES SE																										
BOAZ										.01	.01		.10	.05	.07	.43	.12						.01	.02	.79	
CAMPBELL									.02	.02	.01	.08	.16	.16	.24	.06	.06	.02	.01	.01	.04	.01	.09	.03	1.02	
DADEVILLE NO 2														.06											.06	
EUTAW LOCK NO 7														.05			.02	.01	.01		.01	.01	.02		.14	
FLAT ROCK	//	.02								.02		.03	.68	.04	.37	.33	.03								.07	
FORT MORGAN		.07	.07	.16	.03	.13	.06	.40	.33	.12	.15	.26	.03												3.28	
FORT PAYNE												.03													.03	
GARDEN CITY													.11												.11	
HALEYVILLE																							.01	.03	.04	
LOCK NO 1	//								.01	.02	.02	.08	.23	.19	.24	.38	.03	.08	.01	*	.01	.03	.01	.06	1.40	
MAGNOLIA		*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
MARION 1 MILE SSE																										
MOBILE WB AIRPORT	6	.02	*	*	*	*	.31	*	*	*	*	*	*	1.04	*	*	*	*	.74	*	*	*	*	*	2.91	
MOBILE WB CITY		.01			.04	.29	.07	.28	.05	.36	.25	.63	.59	.16	.04	.06	.08								1.13	
PETERMAN													.02	.01	.05	.29	.06	.04	.01						.06	
RIVER FALLS 2 MI NE															.95				.01						.95	
TONEY																									.01	
TRAFORD																										
TUSCALOOSA AIRPORT	6													*	*	*	*	*	.05	*	*	*	*	*	.08	
UNIVERSITY														.02				.01						.05	.09	
VERNON																		.01		.02	.01	.02	.02	.01		
-5th-																										
ABBEVILLE		.02	.04	.08	.03	.15	.26	.26	.16	.10	.06	.11	.22	.05	.06	.01	.02	.09	.45	.70	.04	.03	.06	.01	.04	
ADDISON														.21	*	*	*	*	.27	*	*	*	*	*	3.01	
ANNISTON WB AIRPORT	6														*	*	*	*	.01	.37	.01	.03			.46	
ASHLAND	//											.02	.01												.85	
ATMORE STATE FARM			.01	.01	.01	.01	.02	.03				.06	.49	.05	.14	.02									.06	
AUBURN SCS 10																										
BELGREEN		.05	.17	.09	.06	.07	.16	.09	.28	.02	.01				.28	.02				.06					1.34	
BEXAR 2 MILES SE		.07	.12	.04	.14	.12	.17	.05	.06	.04				.07	.49	.01		.09	.01		.01	.01	.02		1.53	
BIRMINGHAM WB AIRPORT		.03	.02	.05	.03	.11	.17	.27	.34	.29	.16	.09	.19	.14	.01		.07	.01		.07	.14	.01			2.10	
BOAZ		.01	.01	.01	.06	.04	.08	.07	.09	.07	.03	.09	.15	.20	.17	.12	.30	.02	.01	.12	.18	.06	.17		2.06	
CAMPBELL		.08	.01	.01	*	*	1.60	.05	.04							.01	.03	.01	.01						1.85	
DADEVILLE NO 2															.06		.03	.01	.06	.36	.01		.01		.54	
EUTAW LOCK NO 7		.06	.13	.47	1.35	1.60	.60	.60	.04	.01		.01	.50	.02	.01	.01									5.41	
FLAT ROCK						.08	.02	.01	.03	.03		.02		.19	.04	.17			.19	.06	.05		.02		.81	
FORT MORGAN	//					.02				.02						.04									.09	
FORT PAYNE						.01	.01	.01	.01	.01	.01	.01	.01	.06	.05	.13	.18	.09	.09	.04	.37	.12	.14	.22	1.74	
GARDEN CITY		.01	.01	.03	.06	.03	.12	.09	.24	.08	.10	.06	.18	.29	.22	.16	.03	.02		.04	.15	.01			1.93	
GUNTERVILLE REC						.01	.02	.04	.04	.10	.06	.04	.02	.02	.06	.30	.19	.01	.35	.08	.07	.02	.18		1.61	
HALEYVILLE		.03	.01	.09	.05	.04	.26	.22	.23	.42	.14	.05	.01	.02	.01	.20	.59	.20	.25	.12	.02	.03	.01	.01	2.99	
HUNTSVILLE	6	*	*	*	*	*	.17	*	*	*	*	*	.20	*	*	*	*	*	.50							
JACKSONVILLE																.01	.35	.40	.08	.02					1.02	
LAY DAM						.11	.06	.08	.04	.02	.16	.01	.01					.01							.49	
LOCK NO 1	//			.01	.04	.07	.17	.53	.23	.02		.01	.01												1.10	
MAGNOLIA		.02	.01	*	.01	.04	.20	.03	.32	1.7																

ALABAMA
SEPTEMBER 1949

Table 4-Continued

Station	A. M. Hour ending												P. M. Hour ending												Total
	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	
AUBURN SCS 10								.18				.06	.15			.05	.04	.03	.78						1.22
BELGREEN	.03			.01	.01																				.12
BERRY		*	*		*	*	*	*	*	*	*	2.81													2.81
BEXAR 2 MILES SE	.03	.02	.06		.08	.01																			.20
BOAZ	.14										.03	.12	.01	.04	*	*	*	.16	.26	.11	.15	.13	.08	.01	1.24
DOTHAN CAA AIRPORT																									.16
FLAT ROCK					.08	.02	.08		.02	.06	.01		.01	*	*	*	*	*	*	*	*	*	*	*	.28
FORT MORGAN																									.22
FORT PAYNE	.06		.02			.06			.02	.01	.01										.01				.19
GARDEN CITY																					.11	.05	.01		.01
GUNTERSVILLE REC	.15			.03	.03			.09	.10					.37			.02				.06				.91
HALEYVILLE		.09	.06	.18	.26	.11	.04														.05	.01			.74
HUNTSVILLE	6	*	*	*	*	2.36	*	*	*	*	*		.28					.01	.02					.01	.21
JACKSONVILLE					.03					.01	*	*	.13												.08
MOBILE WB CITY		.03						*	*	*	*	*	.05												.01
MONTGOMERY WB APT	6							*	*	*	*	*	.02												.01
MONTGOMERY WB CITY										.01	*	*													.01
MOULTON	.01	.09	.20	.10	.19	.07					*	*	*	.01											.66
MUSCLE SHOALS	.06	*	*	*	*	*	*	*	*	*	*	*	.01												.23
NEW BROCKTON													.13		.24		.01								.38
PAINT ROCK			.11	.24	.16	.60	.88	.12	.09		.03														2.23
PETERMAN																			.17	.01	.68				.86
TONNEY		.29	.61	.80	.01	.01				.01	.01		.26	.01	*	*	.02	.05	.50	.01				.01	1.72
TRAFFORD													.01	*	*	*	*	*	*	*					.61
TROY													.26	.01	*	*	*	*	*	*					.27
TUSCALOOSA AIRPORT	6						*	*	*	*	*	*	.01	*	*	*	*	*	.02						.03
UNIVERSITY											.02	.01													.08
VERNON	.02							.03	.04	.02															.09
BERRY								.01	.01																.02
FLAT ROCK																									.15
GUNTERSVILLE REC																	.15								
CAMPBELL																		.12	.01						.13
EUTAW LOCK NO 7	6											.01	.26	.03							*	*	*		.30
MOBILE WB AIRPORT																									
									</																

See reference notes following Station Index.

HOURLY PRECIPITATION

ALABAMA
SEPTEMBER 1949

Table 4-Continued

Station		A. M. Hour ending												P. M. Hour ending												Total
		1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	
BEXAR 2 MILES SE BIRMINGHAM WB AIRPORT HALEYVILLE MUSCLE SHOALS VERNON	6	*	*	*	*	*	*	.01				.06	.19	.04	.01	.02	.02	*	*	*	.34					.05 .01 .29 .12
-19th-																										
ABBEVILLE ANNISTON WB AIRPORT ATMORE STATE FARM BELGREEN BERRY BEXAR 2 MILES SE BIRMINGHAM WB AIRPORT CAMPBELL DADEVILLE NO 2 EUTAW LOCK NO 7 GARDEN CITY HUNTSVILLE LAY DAM LOCK NO 1 MAGNOLIA MARION 1 MILE SSE MOBILE WB AIRPORT MOBILE WB CITY MONTGOMERY WB APT MONTGOMERY WB CITY MOULTON PETERMAN THORSBY 1 MILE SW TRAFFORD TUSCALOOSA AIRPORT UNIVERSITY	6 <																									

See reference notes following Station Index.

Table 4-Continued

HOURLY PRECIPITATION

ALABAMA
SEPTEMBER 1949

Station		A. M. Hour ending												P. M. Hour ending												Total
		1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	
TUSCALOOSA AIRPORT UNIVERSITY	6													*	*	*	*	*	.13							.04
																		.03	.01							
ANNISTON WB AIRPORT	6	.10												-29th-												.07
LAY DAM						.01	.06																			
MARION 1 MILE SSE		-	-	-	-	-	-	-	-	-																
														-30th-												
BERRY		-	-	-	-	-	-	-	-	-																
MIDWAY																		.08	.16	.01		.02				.27
RIVER FALLS 2 MI NE		-	-	-	-	-	-	-	-	-																
THORSBY 1 MILE SW																			.01	.06			.01			.08
TROY																			.01	.01						.02

DAILY TEMPERATURES

ALABAMA
SEPTEMBER 1949

Table 5

Station	Day of month																															Average	
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
ALBERTVILLE 1 MI S	MAX MIN	81 56	86 51	86 67		75 69	76 70	87 67	84 59	75 69	74 59	76 59	77 58		87 65	83 67	86 70	90 73	83 73	77 50	78 44	84 61	77 52		43	74	70	69	78	69		79.3 59.1	
ALEXANDER CTY 6 NE	MAX MIN	86 60	86 57	86 69	85 71	82 72	77 73	88 69	86 64	89 69	81 60	82 58	86 52	87 62	91 69	90 66	91 68	91 67	84 69	84 64	87 50	80 67	87 67	77 49	53	68	74	83	75	73		82.9 61.4	
ANDALUSIA	MAX MIN	90 67	91 64	90 73	83 71	81 70	90 74	90 74	90 71	92 71	85 61	78 61	85 64	86 60	89 68	91 67	94 70	92 69	93 70	95 70	89 70	89 71	88 69	80 65	87 61	83 61	81 64	75 65	78 63	87 44	78		86.7 65.6
ANNISTON WB AIRPORT	MAX MIN	86 57	86 56	86 68	78 73	87 71	89 71	88 68	89 64	78 57	79 56	80 56	81 57	84 54	86 60	90 60	90 64	90 66	89 67	82 66	88 51	84 48	83 63	79 59	47	50	68	72	85	69	72		82.8 58.7
ATMORE STATE FARM	MAX MIN	91 69	92 65	87 71	79 73	83 72	90 71	91 72	86 71	80 63	87 64	89 66	88 64	90 71	93 69	93 72	95 71	95 70	95 71	87 71	83 67	80 69	87 66	82 57	80 60	83 65	80 65	76 63	85 57	80 42	75		86.5 66.7
AUBURN	MAX MIN	89 63	88 62	91 67	86 68	85 68	85 65	88 66	87 65	88 66	82 59	78 60	82 57	82 54	85 62	90 64	93 68	91 68	92 68	92 68	88 67	86 57	89 68	82 57	80 53	78 57	60	76	76	85	75		84.9 62.1
BAY MINETTE	MAX MIN	90 70	92 66	90 69	75 71	83 72	89 73	91 72	92 72	84 72	82 63	86 67	87 66	90 70	91 73	92 71	91 73	93 72	92 72	90 71	82 68	79 68	87 66	83 57	82 69	82 68	77 66	85 63	75 49	77 50		88.5 67.3	
BIRMINGHAM WB APT	MAX MIN	86 60	88 59	88 59	84 74	75 71	84 72	89 69	87 66	80 63	79 57	80 60	83 62	88 60	90 61	90 61	90 68	90 70	89 72	89 66	81 54	86 53	82 67	81 55	74 47	79 54	76 60	82 56	81 44	68 39	70		82.0 61.0
BIRMINGHAM WB CITY	MAX MIN	88 62	90 59	85 60	85 71	77 73	77 72	87 74	92 66	90 57	84 58	86 61	79 63	87 62	90 63	90 64	91 71	91 72	91 70	92 57	85 57	88 68	82 58	86 48	80 54	84 59	83 59	75 61	85 48	72 41	77		84.8 62.6
BREWTON 3 MILES SSE	MAX MIN	90 63	91 62	88 70	80 73	81 72	89 71	89 72	87 67	85 69	81 63	85 61	88 62	89 58	90 62	92 66	93 68	93 67	93 68	89 68	84 69	84 67	88 67	83 65	83 54	81 55	79 63	78 65	87 60	80 52	76		86.4 64.1
CENTREVILLE	MAX MIN	90 80	92 80	90 83	83 83	85 85	93 93	93 93	85 85	85 85	85 87	87 84	87 87	93 93	94 94	95 95	93 93	93 93	86 86	88 88	85 85	84 84	85 85	82 82	84 84	76 76	84 84	75 75				86.9	
CHATAM	MAX MIN	88 66	90 59	82 67	78 72	88 72	92 74	93 69	93 67	85 71	82 59	87 58	88 62	86 63	90 67	93 69	93 69	93 68	95 68	91 68	85 64	84 68	82 66	88 50	83 53	82 62	76 84	85 56	84 51	75 41	74		86.0 63.6
CITRONELLE	MAX MIN	91 73	91 67	81 71	77 72	83 72	89 74	91 72	91 72	84 71	84 64	85 64	87 68	86 68	90 71	92 72	87 74	90 73	92 73	85 72	82 70	80 69	87 67	80 56	83 59	83 66	75 66	84 63	74 55	73		84.9 67.8	
CLANTON	MAX MIN	88 63	87 57	88 60	85 71	88 73	85 73	88 70	88 67	90 67	81 56	80 58	81 60	83 57	85 60	86 63	92 65	91 70	90 70	92 61	89 53	84 67	86 68	83 48	78 52	78 61	75 61	83 60	72 50	82 41	73		84.2 61.7
CORDOVA	MAX MIN	88 58	90 53	89 65	85 65	82 68	84 69	90 66	86 60	85 50	80 53	86 58	85 60	86 68	87 65	90 72	89 70	90 72	92 74	83 53	86 55	86 68	83 58	78 48	80 55	81 60	75 65	84 57	68 46	75		84.0 60.4	
DAYTON	MAX MIN	90 64	90 59	86 69	81 71	82 72	87 73	90 70	90 69	82 60	82 60				93 70	92 71	92 69	97 68	91 67	85 67	88 59	85 66	85 60	80 56	81 57	78 61	85 59	72 51	75			85.1 63.4	
DECATUR	MAX MIN	83 61	88 55	84 68	88 70	79 71	87 72	84 67	77 68	79 62	81 55	84 61	77 64	82 65	89 62	78 69	89 73	86 70	85 73	79 55	80 61	85 64	79 60	71 50	77 50	71 61	74 57	75 49	70 44			80.7 61.4	
DOTHAN CAA AIRPORT	MAX MIN	90 67	90 64	85 69	87 72	88 71	89 72	92 74	93 71	84 66	80 63	84 61	85 56	86 61	92 66	94 68	93 69	95 71	91 69	89 64	89 69	83 65	88 57	82 51	78 61	71 64	79 63	85 62	81 47	77		86.5 65.2	
EUFULA	MAX MIN	90 62	90 62	85 71	88 73	86 74	84 72	84 72	88 69	80 62	79 62	82 58	83 60	86 59	86 64	92 72	94 68	91 68	94 69	91 70	92 60	89 61	84 68	84 58	84 53	82 52	79 61	85 61	76 56	72		85.7 64.1	
EVERGREEN	MAX MIN	89 66	90 63	91 68	82 71	80 72	85 71	90 71	90 72	83 72	84 62	85 61	88 60	87 67	91 67	93 71	94 69	94 69	95 70	93 69	86 65	87 64	80 54	87 59	83 62	82 63	78 62	74 55	86 45	76		86.5 64.9	
FAIRHOPE	MAX MIN	92 67	92 66	76 67	76 68	90 71	88 70	92 72	93 72	89 66	85 63	86 63	88 66	91 67	92 67	92 70	93 70	94 69	91 69	84 68	84 65	79 65	88 63	85 57	82 60	78 65	83 64	79 60	86 54	79		86.4 65.1	
FAYETTE	MAX MIN	89 57	87 54	90 66	83 70	82 71	82 67	80 65	90 63	88 52	80 57	81 58	85 60	84 63	86 59	90 68	90 71	87 68	91 53	89 47	83 62	87 59	85 45	81 44	76 56	82 52	85 62	83 46	71		84.4 59.0		
FORT MORGAN	MAX MIN	93 76	91 76	82 71	82 77	88 77	86 78	88 78	92 75	84 73	85 70	85 75	84 72	89 74	89 74	90 79	88 77	90 79	87 77	81 74	84 70	79 72	86 70	84 66	78 68	83 69	79 72	83 65	78 58	78		85.0 72.7	
FRISCO CITY	MAX MIN	92 67	88 65	90 69	83 72	76 70	81 71	91 69	92 69	85 71	77 62	85 62	88 65	89 63	90 68	92 66	91 72	91 69	90 70	91 66	85 66	84 68	80 65	87 54	80 59	80 64	78 62	76 55	84 46	75		85.5 65.4	
GADSDEN	MAX MIN	91 56	88 51	91 60	85 70	88 70	74 69	85 64	90 64	86 50	80 48	82 56	82 50	84 58	86 56	90 62	88 67	92 66	90 57	88 43	82 52	86 60	84 52	82 44	78 56	73 44	72 61	81 47	81 37			83.9 57.0	
GENEVA	MAX MIN	93 67	92 63	92 70	87 70	85 71	93 72	88 72	94 72	94 70	83 62	80 59	87 55	87 60	89 62	92 65	95 69	92 67	86 68	88 70	87 66	84 69	88 65	81 59	85 55	81 64	76 64	82 52	87 46	78		88.0 64.8	
GOODWATER	MAX MIN	86 66	85 62	85 69	83 71	80 72	75 72	88 68	89 66	89 66	79 60	76 59	83 59	85 54	85 61	91 63	91 67	93 68	82 69	85 53	85 45	87 64	81 62	85 49	77 55	77 60	70 59	85 60	72 53	70		82.9 61.4	
GREENSBORO	MAX MIN	91 65	91 60	89 71	89 73	79 72	86 72	86 72	92 72	85 69	84 58	84 61	85 63	88 64	88 66	91 72	92 72	91 72	81 65	86 71	86 65	83 68	84 66	79 53	80 51	84 61	78 64	82 51	73 45	74		85.3 64.4	
GREENVILLE	MAX MIN	90 69	90 63	83 68	80 72	85 73	90 72																										

DAILY TEMPERATURES

ALABAMA
SEPTEMBER 1949

Table 5-Continued

Station		Day of month																															Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
MOBILE WB CITY	MAX MIN	92 73	91 69	78 73	77 73	84 75	88 77	92 74	92 74	84 72	84 67	86 68	86 72	88 72	91 72	89 74	89 78	89 78	89 76	89 75	84 73	84 72	80 72	87 69	80 61	82 64	81 70	74 67	83 65	75 58	75 51	84.8 70.5	
MONTGOMERY WB APT	MAX MIN	90 67	90 61	85 70	86 72	82 73	90 73	89 71	91 66	81 71	81 61	84 60	85 60	85 90	92 67	92 70	93 90	92 88	88 87	87 58	88 69	83 61	87 53	82 78	78 72	72 61	78 56	85 62	75 51	76 44	85.4 63.7		
MONTGOMERY WB CITY	MAX MIN	88 70	89 64	85 72	83 73	81 74	90 81	89 72	91 73	84 68	79 64	82 62	84 63	86 87	87 69	90 73	91 74	92 73	92 66	86 60	85 70	38 82	87 62	79 56	78 60	72 63	75 63	84 58	73 53	75 48	84.2 66.0		
MUSCLE SHOALS	MAX MIN	80 60	86 52	80 64	85 68	74 70	81 68	88 66	83 66	76 59	78 52	79 55	82 59	80 64	83 63	89 61	76 68	88 70	86 70	83 64	78 52	84 46	86 60	75 49	70 56	75 45	78 56	75 48	79 55	66 46	74 43	79.9 58.8	
ONEONTA	MAX MIN	90 56	87 52	90 59	84 70	80 69	73 67	85 63	90 69	89 62	79 50	78 52	81 55	83 56	85 55	85 63	90 65	89 68	92 67	91 49	88 45	81 58	85 59	81 47	74 50	78 58	74 57	72 47	82 35	68 35	83.1 56.6		
OZARK	MAX MIN	90 67	89 64	84 69	85 71	90 71	91 73	89 74	91 72	86 71	81 63	85 59	86 60	85 59	89 66	95 67	88 70	94 71	94 70	90 69	88 71	84 62	81 69	85 66	83 56	82 60	75 65	78 63	87 65	82 54	78 46	86.2 65.4	
PRATTVILLE	MAX MIN	88 66	91 62	85 71	83 72	79 74	90 73	88 71	90 69	85 83	81 63	85 61	80 68	85 58	87 66	90 65	92 69	93 69	94 72	85 75	85 68	88 57	83 69	86 80	87 62	78 63	74 63	76 64	86 52	73 47	74 47	84.4 65.5	
PUSHMATAHA	MAX MIN	90 69	90 57	88 65	83 70	75 72	85 75	85 81	89 68	90 71	81 57	81 60	84 62	84 61	84 67	86 66	88 70	91 70	89 71	90 73	91 57	87 61	83 66	81 50	83 59	79 55	81 60	79 55	81 51	80 45	82 45	71 45	84.3 63.0
ROBERTSDALE 7 MI E	MAX MIN	90 69	91 67	80 70	76 71	86 71	85 72	91 74	92 73	88 71	82 65	84 65	85 68	86 65	91 70	90 69	88 71	89 72	90 91	87 71	82 70	79 69	78 69	88 65	84 60	79 62	81 67	79 66	85 58	79 49	76 49	84.7 67.3	
ROCK MILLS	MAX MIN	90 61	88 57	85 68	86 72	80 71	89 72	91 70	92 65	84 65	79 58	81 56	83 55	87 52	90 60	92 58	91 65	92 65	92 65	86 68	89 63	81 48	87 68	80 63	80 49	77 48	72 60	78 58	72 46	81 43	65 43	84.9 60.3	
SAINT BERNARD	MAX MIN	88 59	84 52	89 63	85 72	85 73	78 72	88 68	86 68	78 62	79 54	79 57	85 56	87 58	87 59	84 58	89 65	86 68	91 68	85 71	79 52	85 48	85 56	78 46	72 53	78 58	78 53	72 60	81 56	65 49	81 41	65 41	82.0 58.9
SAND MTN STA FRM AP	MAX MIN	81 65	85 52	82 67	82 70	75 69	77 68	85 65	84 64	77 59	75 51	76 55	77 57	77 55	79 57	85 59	84 66	86 66	88 70	84 67	77 49	81 47	82 63	77 57	71 43	77 53	69 58	68 58	78 58	66 45	71 38	78.5 58.4	
SCOTTSBORO	MAX MIN	85 57	90 53	83 68	86 70	88 75	79 67	90 69	85 63	80 57	81 53	83 57	85 58	75 55	85 59	90 58	81 68	91 68	87 68	87 67	81 50	85 48	88 59	81 55	74 45	78 57	73 57	69 61	73 60	68 46	76 41	81.5 58.3	
SELMA	MAX MIN	93 65	93 60	89 71	82 72	83 72	90 74	92 72	92 70	85 71	84 60	87 63	87 62	81 61	91 65	91 65	92 70	93 71	93 71	92 66	89 57	89 69	83 67	89 62	82 57	82 52	76 63	86 63	78 53	78 44	78 44	89.9 64.6	
SPRING HILL	MAX MIN	89 72	90 67				92 70	89 73	92 74	92 72	84 65	85 66	87 69	88 69		92 72	92 74	92 74	91 73	94 70	91 70	82 70	82 66	78 58	88 60	82 67	81 67	82 73	73 63	85 57	76 49	86.5 67.7	
TALLADEGA	MAX MIN	87 59	88 57	86 69	84 74	78 72	88 72	90 70	89 64	81 65	79 54	82 58	84 61	85 53	86 60	90 60	92 65	92 67	93 68	88 70	83 58	88 48	82 66	84 65	78 45	81 50	75 60	75 61	86 61	71 49	79 39	84.1 60.7	
THOMASVILLE	MAX MIN	88 69	89 62	82 69	75 74	84 73	89 72	88 69	90 70	82 69	81 62	84 60	86 62	85 65	88 68	87 67	92 73	93 72	93 71	86 67	85 67	87 62	85 62	78 62	80 51	80 56	74 61	83 63	71 51	74 44	84.2 64.7		
TROY	MAX MIN	90 69	89 64	88 69	85 71	88 74	81 73	81 72	83 71	90 70	85 62	78 60	84 60	85 60	87 65	90 67	92 72	94 69	95 72	94 69	88 69	87 62	90 66	91 65	87 59	83 62	81 64	70 53	76 45	85 45	75 45	85.7 65.2	
TUSCALOOSA AIRPORT	MAX MIN	89 62	89 58	88 71	84 72	86 71	86 72	92 72	90 68	82 62	82 56	86 61	85 65	86 63	86 64	90 62	92 69	93 71	92 72	94 70	84 56	88 51	85 70	83 58	76 48	82 52	84 61	82 60	85 56	71 46	73 42	85.5 62.0	
TUSKEGEE	MAX MIN		89 66	92 60	88 70	86 72	87 74	90 78	86 70	90 70	86 60	80 58	84 58	84 56	88 66	90 64	96 68	94 70	96 68	96 68	90 56	92 50	86 58	88 52	82 54	80 60	70 60	76 62	88 50	76 42	86.9 63.5		
UNION SPRINGS	MAX MIN	89 64				91		83 68	92 68	86 67	82 59	85 58	86 55	87 62	91 62	93 62	94 69	95 68	94 66	89 65	87 58	91 65	81 65	88 57	81 56	82 51	76 59	76 57	85 57	77 50	76 43	86.0 61.3	
UNIVERSITY	MAX MIN	89 64	91 59	86 71	82 74	85 72	83 74	93 74	90 70	82 63	82 58	84 61	84 64	82 63	85 63	89 63	91 69	92 71	90 72	95 71	86 60	89 55	85 71	77 60	83 50	85 53	80 62	86 62	72 58	73 50	85.2 63.3		
VALLEY HEAD	MAX MIN	84 63	83 51	82 67	81 70	82 67	80 64	87 64	85 75	75 54	76 50	76 51	75 56	80 54	83 59	82 56	83 61	89 64	89 64	88 60	77 47	83 51	82 61	77 51	70 40	72 45	68 58	67 59	75 58	64 43	59 37	78.5 56.5	
WETUMPKA	MAX MIN	91 66	92 63	84 72	83 73	80 74	89 75	90 73	87 70	87 71	81 61	83 62	86 62	85 59	90 67	90 67	92 72	93 72	94 72	93 73	87 66	88 58	88 70	89 70	83 52	78 59	75 64	77 64	75 54	86 44	78 44	85.8 65.7	

ALABAMA
SEPTEMBER 1946

Stations appearing in the Index, but for which data are not listed in the tables, are either missing or received too late to be included in this issue.

Unless otherwise indicated, dimensional units used in this bulletin are: Temperatures in °F, precipitation and evaporation in inches, and wind movement in miles. Evaporation is measured in the standard Weather Bureau type pan of 4 foot diameter unless otherwise shown by footnote following Table 5.

When hourly precipitation is missing or accumulated for several days, only the first and last days are shown in Table 4.

Amounts in Table 4 are from recording gages. Traces are not shown.

Data in Tables 3, 5 and 6 are for the 24 hours ending at time of observation. See the Station Index for observation time.

6. Gage is equipped with a windshield.
Precipitation measured at 6-hourly intervals on recording gage.

E Water equivalent of snowfall wholly or partly estimated, using a ratio of 1 inch water equivalent to every 10 inches of new snowfall.

8 Station equipped with recording gage only.
7 Trace, an amount too small to measure.

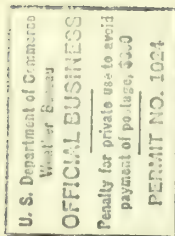
Hourly amounts from recording gage at the same site may be found in Table 4.

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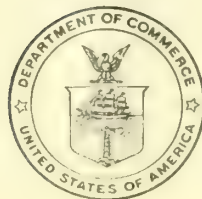
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CLIMATOLOGICAL DATA

ALABAMA

OCTOBER 1949

Volume LV No. 10



A. R. Long, Section Director - Montgomery

General Summary

October was continuously warmer than normal after the first two days. Rainfall, which was mostly light, was frequent in many areas. There was an area extending from Cullman County northeastward through Jackson County in the northeast where rainfall for the month was about two to three times the normal amount, but otherwise no extensive areas had much more than normal rain.

The first 17 days were a period of light to moderate scattered showers when rain occurred somewhere in the State nearly every day. There was little rain of consequence from the 8th to the 24th, but scattered showers began again on the 25th and became nearly general on the last two days when heavy rain was reported over much of the northeast and in some localities in other areas. About a third of the stations had monthly maximum temperatures as high as 90 degrees during the second week. No frosts or freezes occurred.

As a result of the showers being scattered and uneven, there were, until late in the month, wide local variations in soil moisture conditions. Some areas in the southeast were in need of rain by the 10th. By the end of the third week the soil was getting too dry in most central and southern counties, and, although fall planting of winter grains and legumes continued normally in these sections, dry soil retarded germination. These crops were greatly benefited by precipitation during the last few days.

Harvesting operations made good progress. Cotton picking was mostly finished in the south by the middle of the month and was well advanced in the north as the month ended. Also, at the end of the month, peanut threshing was 75 percent finished, corn harvesting was about 80 percent completed in the south and 25 percent completed in the north, soy beans were mostly saved, a large part of the sweet potato crop was dug, and pecans were being gathered.

There were no floods or violent local windstorms.-FCP

ACKNOWLEDGMENTS

In addition to the climatological data from some 6,000 Weather Bureau and cooperative weather stations, this bulletin series contains records from Hydroclimatic Network Stations which were formerly reproduced in the Hydrologic Bulletin Series. The Hydroclimatic Network is a nationwide net of rain gages--mostly of the recording type which produce continuous records of precipitation. It was established in 1939 at the request of the Corps of Engineers, Department of the Army, to supplement existing precipitation stations in order to provide records of rainfall intensity which were essential to the planning of flood control and related works by the Corps of Engineers. This Network, now numbering about 2,000 recording, and 1,000 non-recording rain gages, has been maintained by the Weather Bureau through working funds transferred annually to the Weather Bureau by the Corps of Engineers. These transfers averaged about \$250,000 per year between 1940 and 1944, and nearly \$375,000 since that date. For the years 1940-42, the Department of Agriculture transferred about \$100,000 per year to provide data required in its work, and since 1947 the Bureau of Reclamation has transferred about \$25,000 per year to meet the increasing needs of their program in the Western States.

Previous to the introduction of this bulletin series, data from Hydroclimatic Network stations were presented in bulletins (Hydrologic Bulletins) which were issued monthly for each of 8 drainage areas embracing the entire United States, but since the Network was established to meet the internal requirements of the Federal agencies referred to above, no provision was made for public dissemination of the data, distribution being limited to cooperating agencies and to certain public repositories. A list of locations where reference copies of the Hydrologic Bulletin Series are available for inspection may be obtained upon application to Chief, U.S. Weather Bureau, Washington 25, D.C.

Many other records published in this bulletin have been made available through the cooperation of various public offices, private agencies, and individuals as listed in the Station Index.

PRESSURE, WIND, HUMIDITY, SUNSHINE, DEGREE DAYS

ALABAMA
OCTOBER 1949

Station	Sea level pressure extremes— inches				Wind speed—m. p. h.				Relative humidity averages—percent				Sunshine Percent of possible	Degree days 65° base
	Highest	Date	Lowest	Date	Average	Maximum	Direction of maximum	Date of maximum	130 a. E. S. T.	730 a. E. S. T.	130 p. E. S. T.	730 p. E. S. T.		
ANNISTON WB AIRPORT	30.30	2	29.73	31	6.4	-	-	-	89	90	60	79	-	41
BIRMINGHAM WB AIRPORT	30.33	1	29.73	30	7.4	29	E	2	87	89	60	79	37	39
MOBILE WB CITY	30.25†	23	29.77†	30	8.1	46	NW	31	93†	94†	71†	87†	49	13
MONTGOMERY WB CITY	30.28†	1	29.76†	30	6.5	23	NW	31	88†	92†	60†	76†	53	13
† AIRPORT DATA														

COMPARATIVE DATA

Table 1

Year	Temperature			Precipitation		Year	Temperature			Precipitation		Year	Temperature			Precipitation	
	Average	Highest	Lowest	Average	No. of days .01 or more		Average	Highest	Lowest	Average	No. of days .01 or more		Average	Highest	Lowest	Average	No. of days .01 or more
1884	69.9	99	28	1.43	4	1909	64.0	96	25	1.58	3	1934	67.1	92	31	6.42	6
1885	60.0	86	26	2.77	6	1910	66.7	98	21	3.20	6	1935	67.5	92	30	1.73	3
1886	64.9	91	28	0.39	2	1911	68.9	101	30	3.12	6	1936	67.1	94	30	2.12	5
1887	62.1	87	22	3.42	5	1912	66.3	98	29	3.01	5	1937	63.1	98	23	6.00	10
1888	62.4	87	30	4.04	7	1913	61.3	94	19	2.21	5	1938	66.7	97	26	0.33	1
1889	61.8	90	27	0.80	3	1914	64.1	90	24	2.88	6	1939	66.9	94	26	0.38	3
1890	62.7	93	24	4.07	7	1915	67.1	94	28	4.93	8	1940	66.1	95	34	1.40	3
1891	61.1	96	23	0.24	1	1916	64.8	97	26	1.74	3	1941	72.0	98	34	2.14	5
1892	65.0	94	23	0.56	2	1917	58.4	95	22	1.46	3	1942	66.0	91	25	1.99	6
1893	63.1	95	22	2.15	3	1918	69.0	94	38	8.67	12	1943	61.9	92	26	0.86	2
1894	64.0	95	30	2.54	4	1919	74.4	99	46	4.63	8	1944	64.2	92	24	0.56	2
1895	61.0	93	27	2.01	4	1920	64.8	94	24	1.12	2	1945	64.0	95	31	3.72	5
1896	63.9	98	26	2.39	4	1921	63.0	91	29	2.32	4	1946	65.2	91	30	1.42	3
1897	67.3	97	30	1.32	3	1922	65.3	92	32	2.56	6	1947	70.2	92	36	1.80	6
1898	61.5	96	24	4.21	6	1923	63.7	97	28	2.65	4	1948	62.0	89	23	1.47	
1899	66.4	92	29	2.21	4	1924	65.1	93	26	0.31	1	1949	70.2	92	37	3.37	
1900	69.1	98	44	5.52	6	1925	65.3	98	26	5.75	11	Period	64.8	101	19	2.90	
1901	62.9	92	31	1.06	2	1926	66.9	98	30	2.10	6						
1902	63.7	95	26	3.66	4	1927	67.8	98	29	2.04	4						
1903	63.6	97	22	1.84	4	1928	67.9	97	32	3.34	7						
1904	64.9	101	25	0.32	2	1929	63.1	89	30	5.10	7						
1905	64.6	91	30	4.46	8	1930	62.5	88	23	2.72	5						
1906	61.3	90	25	3.44	6	1931	68.3	97	30	1.76	3						
1907	63.6	95	26	1.42	4	1932	62.8	89	30	6.47	7						
1908	60.8	92	27	1.77	4	1933	66.5	98	32	1.95	4						

See reference notes following Station Index

CLIMATOLOGICAL DATA

ALABAMA
OCTOBER 1949

Table 2

Station	Temperature								Precipitation									
	Average	Departure from normal	Highest	Date	Lowest	Date	No. of days		Total	Departure from normal	Greatest day	Date	Snow, Sleet, Hail			No. of days		
							Max. 90° or above	Min. 32° or below					Total	Max. depth on ground	Date	.01 or more	.25 or more	1.00 or more
NORTHERN DIVISION																		
ALBERTVILLE 1 MI S	66.6	4.3	87	21	37	31	0	0	7.66	4.39	2.00	27+				8	5	4
ANNISTON WB AIRPORT	68.2	5.2	87	6+	42	27+	0	0	2.23	-.39	1.30	30				16	1	1
BIRMINGHAM WB APT	68.8	6.4	86	7+	39	31	0	0	3.00	.58	1.39	30				14	3	1
BIRMINGHAM WB CITY	71.1	6.3	91	13	44	31	1	0	3.44	1.02	1.26	31				13	3	1
CORDOVA	68.8	5.7	89	7+	37	27	0	0	5.19	2.12	2.69	31				6	5	1
DECATUR	67.6	5.4	88	7	41	31	0	0	2.66	-.41	.98	31				12	4	0
FAYETTE	67.3	-	88	12	40	27	0	0	4.86	2.17	1.73	14				11		
GADSDEN	67.1	3.9	88	13	38	27	0	0	4.56	1.25	2.05	31				12	4	2
GOODWATER	69.7	5.2	89	8	49	1+	0	0	3.06	.19	1.31	17				7	3	1
HALEYVILLE	65.9M	-	84	8			0	0	3.19	-	.95	31				8	6	0
LINCOLN	69.2	-	89	13	40	27	0	0	4.46	-	2.02	30				7	5	2
MADISON	67.0	4.3	87	10	41	31	0	0	4.53	1.14	1.04	30				10	7	1
MUSCLE SHOALS	64.9	3.1	86	7	38	31	0	0	5.00	1.78	1.42	12				16	7	1
ONEONTA	67.7	6.2	88	8+	40	27	0	0	4.07	1.03	.98	30				7	6	0
ROCK MILLS	69.0	-	89	7	45	24	0	0	2.14	-.66	.78	17				8	4	0
SAINT BERNARD	66.2	4.5	86	8+	41	27	0	0	8.26	4.52	4.38	31				12	6	2
SAND MTN STA FRM AP	67.2M	-	83	7	40	27	0	0	5.45	-	1.80	30				12	7	3
SCOTTSBORO	67.9	6.7	89	7+	44	1+	0	0	10.37	7.10	3.65	30				11	7	4
TALLADEGA	69.9	5.8	90	13	43	27	1	0	2.83	-.22	1.03	30				7	4	1
TUSCALOOSA AIRPORT	69.8	5.1	89	11+	40	31	0	0	2.58	-.32	1.77	30				14	2	1
UNIVERSITY	70.4	5.7	89	12	39	31	0	0	2.52	-.38	-					10		
VALLEY HEAD	65.9	5.4	85	14	43	23+	0	0	7.43	3.98	1.87	30				8	7	3
DIVISION	68.0								4.52									
MIDDLE DIVISION																		
ALEXANDER CTY 6 NE	69.4	-	88	7	46	27	0	0	3.14	-	1.08	31				8	4	1
AUBURN	71.1	5.0	90	8	50	1	1	0	1.87	- 1.01	.59	28				9	4	0
CENTREVILLE	72.5M	7.5	89	12+			0	0	1.68	- 1.17	.92	31				5	2	0
CLANTON	69.4	5.2	88	14	44	1	0	0	1.64	-.98	.97	31				8	2	0
DAYTON	71.2	-	90	12	43	31	1	0	2.30	-	.83	13				7	4	0
EUFULA	72.0	6.3	89	6	51	20	0	0	-	-	-							
GREENSBORO	71.7	6.5	90	7	42	31	1	0	1.17	- 1.47	.83	31				7	1	0
GREENVILLE	72.0	6.0	87	6+	48	31	0	0	-	-	-							
HIGHLAND HOME	71.9M	4.6	91	7	47	31	1	0	1.10	- 1.46	.40	17				6	1	0
LA FAYETTE	69.5	-	87	6+	48	1	0	0	3.55	-	-					8		
LIVINGSTON	71.0M	7.3	88	11+			0	0	2.92	.59	-					10		
MAXWELL FIELD	72.3	-	89	14	44	31	0	0	3.20	-	1.34	6				8	4	1
MONTGOMERY WB APT	71.2	-	90	7	42	31	1	0	3.27	-	1.35	6				11	4	2
MONTGOMERY WB CITY	72.0	5.4	88	7	42	31	0	0	3.13	-.67	1.61	6				12	3	1
PRATTVILLE	71.2M	6.2	89	7	50	31	0	0	2.03	-.54	.65	31				8	3	0
PUSHMATAHA	69.8	4.6	88	13	46	1+	0	0	1.99	-.65	.98	31				3	3	0
SELMA	73.3	7.8	92	13	49	27	4	0	1.40	- 1.02	.70	31				7	2	0
THOMASVILLE	71.7	6.0	90	13	37	31	1	0	1.20	- 1.25	.66	31				6	1	0
TROY	72.2	4.4	90	8	56	27	1	0	4.60	2.15	-					10		
TUSKEGEE	71.7	4.6	90	8+	50	24	2	0	1.68	-.72	.46	28				9	3	0
UNION SPRINGS	70.7M	5.0	89	6+	44	31	0	0	3.18	-.27	1.02	26				9	5	1
WETUMPKA	71.8	4.8	88	13	52	27	0	0	1.61	- 1.08	.56	31				5	3	0
DIVISION	71.3								2.33									
SOUTHERN DIVISION																		
ANDALUSIA	73.6	-	90	9	56	1+	1	0	1.69	-	.86	28				7	2	0
ATMORE STATE FARM	73.7M	-	90	7+	46	31	4	0	.86	-	.50	3				5	1	0
BAY MINETTE	73.4	4.4	88	13+	44	31	0	0	2.68	- 1.67	.58	2				12	5	0
BREWTON 3 MILES SSE	72.1	5.4	90	8	49	20	1	0	2.83	-.24	.77	7				8	4	0
CHATOM	71.8	-	91	11+	43	31	4	0	3.94	-	1.73	30				10	3	1
CITRONELLE	73.8	4.9	89	13+	47	31	0	0	3.63	.30	1.05	8				7	6	1
DOTHAN CAA AIRPORT	73.0	-	90	25	44	31	1	0	2.98	.21	.71	29				10	4	0
EVERGREEN	73.1M	6.4	90	9	52	20	1	0	1.99	-.77	.71	9				7	3	0
FAIRHOPE	72.4	2.8	89	9	40	31	0	0	4.03	-.06	.89	2				13	6	0
FORT MORGAN	75.9	-	85	7+	51	31	0	0	4.45	-	2.43	2				10	4	1
FRISCO CITY	73.1	-	89	7+	53	27	0	0	.84	- 2.15	.19	31				8		
GENEVA	73.1	-	90	24+	51	1	2	0	2.96	.46	1.08	30				6	4	1
LOCKHART	73.7	-	89	7+	57	20+	0	0	2.50	-	1.15	9				8	3	1
MOBILE WB AIRPORT	72.7	-	88	19	42	31	0	0	4.03	-	.97	2				14	6	0
MOBILE WB CITY	74.7	5.4	89	9+	44	31	0	0	1.52	- 2.08	.49	2				9	2	0
OZARK	73.1	5.3	90	6	57	20+	1	0	2.21	-.37	.79	17				9	3	0
ROBERTSDALE 7 MI E	72.6	-	88	23	48	31	0	0	3.88	-.18	1.11	7				12	4	1
SPRING HILL	73.4M	4.4	88	7+	56	28	0	0	2.91	- 1.03	.66	6				8	5	0
DIVISION	73.3								27.7									
STATE	70.2	5.4							33.7	0.47								

ALABAMA
OCTOBER 1949

Station

See reference plates following Station Index

ALABAMA
OCTOBER 1949

Table 3-Continued

Station		Day of month																																
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
MELVIN MRTZ 3 MILES E MIDWAY MILLERS FERRY MILSTEAD	R	.07			.48	-				.30				.73		.35										.46					.24	2.08		
												.09													.31	.09	.06	.10	.40	.30	.65	1.80		
			.13	T			.48											.12								1.10		.82		.06	.48	3.19		
MICHELL DAM MOBILE WB AIRPORT MOBILE WB CITY MONTE SANO MONTEVALLO	Z	.39	.97	.02	T	.01	.93	.04	.64	.01	.01			.34	T	.34	.31								.16	T		T	.04	.07	.10	4.03		
		.11	.49			.09	.21	.21		T	.19	T				.38	.68	.10							.08				.02	.10	.04	1.52		
								.04											.29			.12					.55		.39	.02	.55	4.95		
																										.10					.82	2.18		
MONTGOMERY WB APT MONTGOMERY WB CITY MOULTON MUSCLE SHOALS NEW BROCKTON	Z R	.25 .16	.02 .04	.01 .01	T .18	1.35 .01	1.61 .10					.04	T	.08		.01	T	.15					T	.10	.38	T	.01	.01	.01	1.00	.15	3.13		
														.08	.87	.44	.01							.11	.28	.05		.04	T	.02	.01	.69	2.98	
			T	.01	.11	.07	.19	.48	.05			.15	1.42	.77	.44	.01	.11									.64		.09	.03	.58	.16	2.24		
NEWBURG NEW MARKET NEWTON ONEONTA ORRVILLE					*	.12									*	1.01			.10					.06		*	.87		.91	.41	.08	.91	2.79	
					T	.17	.46					.22			.08	.23															.25	1.39	4.08	
							.40	.61						.58	.53													.21			.07	.34	.63	
OZARK PAINT ROCK PALMERDALE PERRYVILLE PETERMAN	R R		.08		.18	.02	.10		.05	.20				.04	.78	.08	.02	1.72	.79							.40		.12		.34	.57	.02	2.21	
							.85							2.26				1.75	.59									.21	.08	3.15	.66	.79	7.99	
		.09					1.00		.13									.10													.225	.71	.48	2.98
PICKENSVILLE PINE HILL PINE LEVEL PLANTERSVILLE PLEASANT GROVE SCH			.22		T	.14	.06											.30					T							.82	.68	1.47	2.17	
			.70				.05							.66	.05			.26													.42	.08	1.61	
			.10				.40																									.95	1.45	
		T		T	.26	.14	.23						T	.30	.3																			

HOURLY PRECIPITATION

ALABAMA
OCTOBER 1949

Table 4

Station	A. M. Hour ending												P. M. Hour ending												Total		
	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12			
-1st-																											
ABBEVILLE																	.02	.01								.03	
BERRY																											
CAMPBELL																							.01	.01		.02	
DOTHAN CAA AIRPORT																	.01									.01	
FORT MORGAN																	.17	.08	.02	.08	.07		.02	.01	.01	.64	
MIDWAY				.01	.04	.05			.02			.03	.02			.03										.07	
MOBILE WB AIRPORT	6													*	*	*	*	*	.12	*	*	*	*	*	*		
MOBILE WB CITY																			.03	.03	.01	.02	*	.01	.02	.11	
MONTGOMERY WB APT	6													*	*	*	*	*	.15	*	*	*	*	*	*		
MONTGOMERY WB CITY																	.01		.04	.04	.07	*	*	*	*	.16	
PETERMAN																		.04		.03	.02					.09	
RIVER FALLS 2 MI NE																											
TROY							.02	.14	.05																	.21	
TUSCALOOSA AIRPORT	6																			*	*	*	*	*	*		
UNIVERSITY																			.07							.07	
-2d-																											
ANNISTON WB AIRPORT	6	*	*	*	*	*	.10										.01	.02	.02	.06	.25	.03	.01			.40	
ATMORE STATE FARM																										.01	
CAMPBELL				.01																						.01	
FORT MORGAN		.01	.01	.04	.16	.66	.13	.10	.01	.02	.05	.08	.13	.09	.05	.07	.01	.09	.25	.25	.11	.04	.02			2.38	
JACKSONVILLE								.02																		.02	
MOBILE WB AIRPORT	6	.27	*	*	*	*	*	.29	*	*	*	*	*	.38	*	*	*	*	*	.27	*	*	*	*	*	*	
MOBILE WB CITY				.01				.01	*	*	*	.01	.07	.05	.03	.02	*	*	*	.11	.06	.01	*	*	*	.49	
MONTGOMERY WB APT	6	.10	*	*	*	*	*	.01	*	*	*	*	*	.01					.02	.08							
MONTGOMERY WB CITY							.02							.01												.04	
TUSCALOOSA AIRPORT	6	.02	*	*	*	*	*	.03																			
-3d-																											
BELGREEN							.01																			.02	
BEXAR 2 MILES SE							.02		.02				.02		.01											.07	
EUTAW LOCK NO 7				.01	.01		.01	.01				.05														.09	
LOCK NO 1				.01	.01																					.02	
MAGNOLIA									.07																	.07	
MOBILE WB AIRPORT	6	.03	*	*	*	*	*	.02																			
MONTGOMERY WB CITY						.01		*	*	*	*	*	*	.01												.01	
MUSCLE SHOALS	6						.04	*	*	*	*	*	*	.02													
TUSCALOOSA AIRPORT	6	*	*	*	*	*	.01	.01																		.02	
UNIVERSITY																	.01									.01	
VERNON																											
-4th-																											
ADDISON							.03	.02																		.05	
BELGREEN						.01	.02	.04					.04	.04	.16	.01	.02									.34	
BEXAR 2 MILES SE							.01	.01														.01	.04	.11	.07	.25	
BIRMINGHAM WB APT																							.01			.01	
BOAZ														*	*	*	*	*	*	*	*	*	*	*	*	*	
GARDEN CITY																	.07	.01								.08	
GUNTERSVILLE REC				.02		.01	.04										.05									.12	
HALEYVILLE							.01	.02	.01	.01													.02	.01		.08	
HUNTSVILLE	6	*	*	*	*	*	.06	*	*	*	*	*	*	.08	*	*	*	*	*	.02						.18	
MOULTON						.02	.06	.09	.01																		
MUSCLE SHOALS	6	*	*	*	*	*	.01	*	*	*	*	*	*	.06	*	*	*	*	*	.01	*	*	*	*	*	.18	
PAINT ROCK					.03	.05	.02	.03	.03								.02									.18	
TONEY					.03		.07	.01	.02							.06										.19	
TRAFFORD					.03		.01	.01								.01										.04	
TUSCALOOSA AIRPORT	6													*	*	*	*	*	.06	*	*	*	*	*	*	.05	
UNIVERSITY																		.03	.05	.01			.01	.01	.01	.05	
VERNON										.10	.01							.03	.05	.01			.02	.06	.03	.31	
-5th-																											
ADDISON		.02	.01	.02	.01		.01																			.07	
ANNISTON WB AIRPORT	6	*	*	*	*	*	.01																				
BELGREEN																						.03				.03	
BEXAR 2 MILES SE		.03																					.24	.01		.28	
BIRMINGHAM WB APT				.01				.01	.01	.01			.01	.05	.04											.01	
CAMPBELL																										.13	
DADEVILLE NO 2				.01																						.02	
EUTAW LOCK NO 7																	.01	.01	.01							.03	
FORT MORGAN			.03	.02																						.23	
HALEYVILLE		.03	.04	.01															.05	.13						.11	
HUNTSVILLE	6	*	*	*	*	*	.04														.01	.01		.01		.02	
JACKSONVILLE				.01	.01																					.01	
LOCK NO 1									.03	.01			.01											.16		.22	
MAGNOLIA														.01	.05	.24	.19	.04	*	*	.23					.06	
MIDWAY																	*	*	*	*	.01					.48	
MOBILE WB AIRPORT	6	*	*	*	*	*	.13	*	*	*	*	*	*	.57	*	*	*	*	*	.18	.01	.01				.31	
MOBILE WB CITY									.02	.06					.01	.02										.01	
MONTGOMERY WB CITY		.01	.03	.01			.02	.03																		.10	
MOULTON	6	.03	*	*	*	*	.07																			.02	
MUSCLE SHOALS					.02																					.04	
PAINT ROCK																											
TONEY																											
TUSCALOOSA AIRPORT	6	.03																									
-6th-																											
ABBEVILLE																	.44	.16								.60	
ADDISON				.01	.08	.10	.01		.01																	.21	
ANNISTON WB AIRPORT	6								*	*	*	*		.01												.18	
AUBURN SCS 10								.09	*			.02	*													.03	
BELGREEN		.03																								.12	
BIRMINGHAM WB APT			.02	.04		.05			.01																	*	
BOAZ		*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
CAMPBELL		.02	.03																							.05	
DADEVILLE NO 2						.01	.02					.01	.01													.05	
DOTHAN CAA AIRPORT					.07	.02											</										

HOURLY PRECIPITATION

ALABAMA
OCTOBER 1949

Table 4-Continued

Station		A. M. Hour ending												P. M. Hour ending												Total		
		1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12			
MUSCLE SHOALS	6		*	*		*	*	*		.19							.01	.14	.31		.01	.01					.48	
NEW BROCKTON										.10																	.10	
PAINT ROCK						.35																					.35	
TONEY						.01	.03	.03		.16																	.24	
TRAFFORD				.01												.02											.02	
TROY																											.02	
UNIVERSITY					.02																						.02	
-7th-																												
ANNISTON WB AIRPORT	6									.05						*	*	*	*	*	*		.02				.05	
AUBURN SCS 10		*	*	*	*	*	*																				*	
BOAZ		.28	.27	.07																							.62	
FORT PAYNE																											*	
MOBILE WB AIRPORT	6								*	*	*	*	*	*	.06	*	*	*	*	*	*		.58					
-8th-																												
ASHLAND	//											.24	.02				.02	.01									.03	
BEXAR 2 MILES SE																											.26	
BIRMINGHAM WB APT									*	*	*	*	*	1.04					.13	.06							.19	
BOAZ																				.13	.06						1.04	
EUTAW LOCK NO 7																				.03	.05						.08	
FORT PAYNE								.02	.04			.02															.08	
MOBILE WB AIRPORT	6															*	*	*	*	*	*		.01					
MUSCLE SHOALS	6															*	*	*	*	*	*		.05					
PETERMAN																					.01	.11	.01				.13	
TRAFFORD																					.02	.01					.03	
TUSCALOOSA AIRPORT	6							*	*	*	*	*	*	*	.01												.20	
VERNON									.01	.19																		
-9th-																												
FORT PAYNE																			.08								.16	
MOBILE WB AIRPORT	6														*	*	*	*	*	*		.01					.24	
MOBILE WB CITY																.12	.07										.19	
-10th-																												
DOTHAN CAA AIRPORT	//									.22	.01											.60					.60	
FORT MORGAN																											.23	
FORT PAYNE	//	.03																									.03	
-11th-																												
ABBEVILLE															.03	.02			.37								.42	
ANNISTON WB AIRPORT	6																		.04			.23	*	*	*	*	.27	
AUBURN SCS 10																				.01		.01					.02	
CAMPBELL																			.12		.01						.13	
DADEVILLE NO 2	//									.08					*	*	*	*	*	*	*	*	*	*	*	*	.08	
FORT MORGAN															*	*	*	*	*	*	*	*	*	*	*	*	.08	
LAY DAM															*	*	*	*	*	*	*	*	*	*	*	*	.09	
MIDWAY																	.09										.04	
MONTGOMERY WB CITY																		.04									.04	
NEW BROCKTON																		.40	.04	.01		.08	.07				.15	
TROY																											.45	
-12th-																												
ANNISTON WB AIRPORT	6	.01						*	*	*	*	*	*	.03													.05	
ASHLAND	//														.32	.11	.05		.02	.01		.02					.48	
BELGREEN																											.06	
BIRMINGHAM WB APT																							.05	.01			.03	
EUTAW LOCK NO 7	//					.02		.02	.01														.03				.05	
FORT MORGAN																											.05	
GUNTERSVILLE REC																					.70	.40	.20	.01	.05		1.36	
JACKSONVILLE																.06	.01										.07	
LAY DAM		*	*	*	*	*	*	.05																			.05	
MOBILE WB AIRPORT	6		*	*	*	*	*	.31	*	*	*	*	*	*	.03													
MONTGOMERY WB APT	6								*	*	*	*	*	*	.08													
MUSCLE SHOALS	6								*	*	*	*	*	*	.01	*	*	*	*	*	*	1.42					.04	
TRAFFORD																											.05	
TROY																			.05						.01	.03	.04	
TUSCALOOSA AIRPORT	6																										.05	
UNIVERSITY																											.01	
VERNON		.02																				*	*	*	*	*	.02	
-13th-																												
ADDISON																.07	.03	.01	*	*	*						.01	.12
ANNISTON WB AIRPORT	6															*	*	*	*	*	*	.24					.05	
ASHLAND	//														.04	.01											.98	
BELGREEN						.06	.20		.01		.28	.40		.03	.01												.02	
BEXAR 2 MILES SE																											.27	
BIRMINGHAM WB APT	//														*	*	*	*	*	*	.01	*	*	*	*	*	.17	
BOAZ																		.05	*	*	*	*	*	*	*	*	.06	
CAMPBELL																		.04	.01	.01							.07	
EUTAW LOCK NO 7																		1.02	.01		.01		.01	.02	.01		1.07	
FLAT ROCK														.20	.09	.05											.34	
GARDEN CITY																					.03	.01	.01	.01			.06	
GUNTERSVILLE REC														.05													.05	
HALEYVILLE																			.02	.03	.02	.01					.09	
HUNTSVILLE	6															*	*	*	*	*	.10						.15	
JACKSONVILLE																		.14		.01							.08	
MOULTON							.08																				.15	
MUSCLE SHOALS	6	*	*	*	*	*	*	.03	*	*	*	*	*	*	.70	*	*	*	*	*	*	.04						.78
PAINT ROCK																.28	.42	.06	.02								.05	
TONEY																											.26	
TRAFFORD				.08	.05						.01	.01							.04	.05	.01				.03	.01	.02	
TUSCALOOSA AIRPORT	6	.02														*	*	*	*	*	.09	*	*	*	*	*	.	
UNIVERSITY																	.12	.01									.14	
VERNON									.01	.22				.02	.08												.33	
-14th-																												
ADDISON		.06						.01	.01										.01	.01							.10	
BELGREEN							.05				.21	.42	.01	.40	.08	.10			.01	.01							1.28	
BEXAR 2 MILES SE					.01						.01	.01	.03		.01			.01	.01								.09	
EUTAW LOCK NO 7																		.01	.01								.02	
GARDEN CITY			.01	.02	.01																						.04	
HALEYVILLE	6																											

ALABAMA
OCTOBER 1949

[illegible]

See reference notes following Station Index

ALABAMA
OCTOBER 1949

[illegible]

See reference notes following Station Index.

HOURLY PRECIPITATION

ALABAMA
OCTOBER 1949

Table 4-Continued

Station		A. M. Hour ending												P. M. Hour ending												Total
		1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	
TROY																										
TUSCALOOSA AIRPORT	6	.01	*	*	*	*	*	.08	*	*	*	*	.43	*	*	*	*	*	*	1.24	*	*	.25	.22	*	.47
UNIVERSITY			.02			.01	.24	.15	.08	.05	.04	.02	.01	.02	.01	.01	.01	.02	.01	.01	.01	.01	.01	.01	.76	
VERNON		.02	.02	.05	.10	.08	.07	.05	.10	.03	.02	.02	.01	.07	.21	.34	.03	.01							1.23	
-31st-																										
ABBEVILLE																		.13	.01	.01					.15	
ADDISON												.04	.08	.05	.03	.02	.02	*	.02	.01	.01	.04			.32	
ANNISTON WB AIRPORT	6	.20												.01	.20	.12	.18	*	*	.16						
ASHLAND	//															.04									.51	
ATMORE STATE FARM																.06	.43		.02	.04					.04	
AUBURN SCS 10																			.02	.04					.55	
BELGREEN		.04								.03	.04	.06	.03	.07	.02	.04		.02							.35	
BERRY		*	*	*	*	*	*	*	*	*	*	.06	.03	*	*	*	*	*	*	*	*	*	*	*	3.62	3.62
BEXAR 2 MILES SE			.01		.01		.01		.03	.07	.03	.09	.02	.04	.04	.01	.01								.37	
BIRMINGHAM WB APT				.01							.03	.06	.19	.11	.13	.02	.03	.01					.02		.59	
BOAZ														.21	.11	.17	.13	.06	.03	.01			.03	.08	.05	
CAMPBELL											.03	.06	.03	.05	.07	.01	.01								.26	
DADEVILLE NO 2														.07	.02										.09	
DOTHAN CAA AIRPORT		.04				.01	.01		.01																.07	
EUTAW LOCK NO 7											.02	.15		.04	.06	.01									.28	
FLAT ROCK																.09	.10	.11	.07	.06		.07		.02	.05	
FORT MORGAN	//													.01											.57	
FORT PAYNE																									.01	
GADSDEN CITY													.04	.08	.10	.05	.02	.12	.02	.01	.05	.03	.01	.01	.01	.63
GUNTERSVILLE REC															.15	.08	.02	.19	.11	.04	.10	.05			.46	
HALEYVILLE											.03	.02	.18	.04	.05	.01		.01	.01						.74	
HUNTSVILLE	6	.20												*	*	*	*	*	.25						.35	
JACKSONVILLE																.02	.04	.08			.25		.01		.15	
LAY DAM	//													.14	.03	.14	.07	.01	.01	.02	.01				.43	
LOCK NO 1													.11	.10	.12	.07									.40	
MAGNOLIA														.02	.09	.10	.05	.02							.28	
MARION 1 MILE SSE											.01	.01	.07	.14	.08	.10	.03								.44	
MIDWAY		.01																.19	.04	.05	.01				.30	
MOBILE WB AIRPORT	6	.04						*	*	*	*	*	*	.07	*	*	*	*	*	.03					.04	
MOBILE WB CITY															.04			*	*	*	.15				.13	
MONTGOMERY WB APT	6	.71																*	*	*					.48	
MONTGOMERY WB CITY													.04	.05	.06	.05	.01	.05	.04	.16	.02				.13	
MOULTON																									.48	
MUSCLE SHOALS	6	.02						*	*	*	*	*	*	.05	.09	.04	.14	.02			.17	*	*	*	.16	
NEW BROCKTON																		.08	.09	.07	.13			.10	.01	
PAINT ROCK														.01	.01	.09									.11	
PETERMAN																										
RIVER FALLS 2 MI NE		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
THORNSBY 1 MILE SW												.01	.01		.13	.03	.12	.03	.06	.01					.40	
TONEY														.23	.10	.02	.08	.02	.08	.06	.04	.02	.07	.04	.07	.05
TRAFFORD													.05	.26	.09	.08	.09	.02	.05	.01			.01	.01	.67	
TROY																	.05	.02							.07	
TUSCALOOSA AIRPORT	6	.02						*	*	*	*	*	*	.20	*	*	*	*	*	.09					1.35	
UNIVERSITY			.01	.01		.01	.01	.01	.91		.05	.05	.10	.04	.03	.06	.01	.01				.01	.01	.02	.24	
VERNON											.07	.05	.05	.05	.05	.01	.01									

DAILY TEMPERATURES

ALABAMA
OCTOBER 1949

Table 5-Continued

Station	Day of month																															Average	
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
MONTGOMERY WB APT	MAX MIN	75 54	73 62	80 65	79 66	85 64	85 69	90 68	84 70	84 67	84 63	86 66	85 67	87 65	86 64	84 62	83 65	83 61	80 60	83 56	85 55	86 57	86 58	84 59	85 52	84 57	70 55	76 52	66 60	77 60	84 65	70 42	81.6 60.8
MONTGOMERY WB CITY	MAX MIN	74 59	72 62	80 66	78 67	83 66	84 72	88 71	82 71	84 71	82 67	87 68	84 68	87 68	85 68	83 65	82 66	83 63	79 63	82 58	85 59	86 63	86 64	83 61	83 57	84 60	70 57	75 54	66 60	76 59	83 66	70 42	80.8 63.2
MUSCLE SHOALS	MAX MIN	78 45	70 62	71 63	70 65	80 63	81 65	86 61	81 67	82 67	84 63	84 61	76 60	63 60	70 64	69 53	75 56	77 51	75 52	81 55	84 56	79 53	70 45	70 48	65 52	56 49	67 42	74 44	70 54	62 53	64 57	57 38	73.3 56.4
ONEONTA	MAX MIN	69 44	77 56	69 62	74 64	75 65	81 62	85 65	88 62	82 65	82 64	86 63	86 67	88 65	86 64	78 58	76 61	80 54	78 49	81 50	85 53	85 59	83 50	78 46	78 52	65 53	70 40	78 42	63 56	70 57	66 57	78.3 57.0	
OZARK	MAX MIN	75 59	75 62	82 65	81 65	88 66	90 68	87 68	86 70	86 69	84 65	85 65	87 67	88 65	87 64	84 60	86 65	85 62	81 58	83 58	88 57	88 57	86 59	86 65	87 58	87 61	89 62	82 58	79 61	75 59	73 65	76 62	83.4 62.8
PRATTVILLE	MAX MIN	75 54	72 62	79 65	77 68	84 64	86 72	89 70	84 69			86 65	87 69	88 65	87 64	81 65	83 60	82 58	78 61	84 55	85 53	85 60	86 63	83 58	83 55	84 58	70 51	76 60	67 58	77 61	82 73	81.2 61.2	
PUSHMATAHA	MAX MIN	70 46	78 60	74 65	74 67	73 67	82 65	82 63	87 68	81 66	85 60	85 61	86 62	88 65	87 63	84 61	82 65	82 53	80 55	83 55	85 56	85 62	85 52	82 53	82 52	82 56	73 54	69 60	70 60	77 69	70 58	79.9 59.6	
ROBERTSDALE 7 MI E	MAX MIN	73 61	68 67	80 67	79 70	82 71	86 72	85 62	83 70	84 69	86 67	83 67	84 69	85 66	85 64	80 62	82 64	84 61	85 60	84 61	84 60	83 61	85 60	88 64	85 58	82 51	74 44	81 58	78 64	72 62	77 53	81.4 63.7	
ROCK MILLS	MAX MIN	77 46	73 52	80 54	81 63	81 63	87 70	89 67	86 67	86 68	87 58	88 62	85 67	87 64	85 56	76 53	79 64	77 63	82 60	86 48	85 48	85 50	82 54	84 50	85 45	87 51	89 56	82 60	79 54	65 56	78 63	80.7 57.3	
SAINT BERNARD	MAX MIN	70 42	77 52	69 59	73 61	82 69	83 62	86 66	86 65	82 62	84 60	86 63	86 63	86 64	76 64	74 60	75 61	76 52	76 50	80 52	82 53	83 58	79 47	73 44	74 52	62 44	68 51	75 43	66 51	67 57	68 53	76.6 55.8	
SAND MTN STA FRM AP	MAX MIN	76 52	75 60	74 62	73 62	76 63	81 67	83 65	81 70	81 65	82 68	82 62	82 67	82 66	81 56	76 61	72 60	75 56	71 48	77 63	80 59	80 64	79 47	77 44	75 52	72 44	72 50	60 52	64 56	65 60		75.9 58.5	
SCOTTSBORO	MAX MIN	82 44	72 56	75 59	75 62	82 62	84 61	89 69	89 66	88 60	87 60	89 68	88 66	85 66	84 63	75 64	74 61	80 55	83 53	81 53	85 51	84 61	78 48	75 49	64 54	74 50	79 55	65 48	65 54	68 62	84 44	78.3 57.5	
SELMA	MAX MIN	84 54	74 64	79 66	77 68	88 66	89 72	90 69	87 68	86 65	86 65	89 66	90 66	92 67	90 66	84 62	83 61	85 56	87 59	88 55	88 63	88 65	85 53	85 53	85 57	85 57	72 49	80 62	70 60	82 67	74 62	83.9 62.6	
SPRING HILL	MAX MIN	76 58	75 68	71 68	80 72	79 69	78 69	88 68			86 69	88 68	88 68	88 67	85 67		82 64	85 62	88 63	86 63		88 64	86 66	87 63	88 58	78 59	63 56	81 56	68 65	75 68	81 60	81.7 65.1	
TALLADEGA	MAX MIN	78 48	72 64	78 66	79 67	82 65	87 72	89 65	84 70	85 66	85 61	87 65	87 69	86 65	82 61	79 64	81 62	78 54	81 49	85 50	86 55	84 59	76 64	82 58	80 55	75 46	76 56	65 43	76 57	65 56	73 65	80.5 59.3	
THOMASVILLE	MAX MIN	80 59	73 64	80 65	76 66	84 66	87 64	89 64	87 68	86 66	88 66	89 65	88 65	90 66	86 65	81 62	79 65	83 61	82 56	86 59	87 63	85 64	86 63	82 56	85 56	83 52	71 50	79 61	70 59	75 63	66 37	81.8 61.5	
TROY	MAX MIN	75 58	72 61	72 62	81 65	78 66	85 70	87 69	90 70	88 65	87 65	88 65	88 66	86 65	86 63	80 65	87 67	85 60	80 58	81 59	84 63	87 59	87 64	84 57	86 60	87 56	73 59	72 59	64 59	73 63	72 62	81.6 62.8	
TUSCALOOSA AIRPORT	MAX MIN	79 48	73 65	74 65	76 68	84 66	87 64	88 64	87 68	88 66	89 63	89 62	88 65	84 66	78 65	80 62	83 54	82 50	84 53	87 54	86 58	85 64	80 55	79 54	67 56	73 50	80 44	69 59	75 64	73 60	80.5 59.1		
TUSKEGEE	MAX MIN	78 58	78 60	73 64	82 64	80 63	84 70	89 68	90 70	84 68	88 64	87 66	87 63	89 59	85 56	84 63	84 61	80 58	82 52	86 54	90 56	87 56	85 56	86 62	87 50	86 55	72 51	72 56	69 59	80 60	82 60	83.1 60.2	
UNION SPRINGS	MAX MIN	74 56	70 55	82 62	82 62	85 61	89 65	89 65	85 68	87 67	86 62	87 62	89 62	87 60	86 62	80 56	87 60	84 56					87 53	86 54	86 54	76 51	72 55	70 55	75 67	78 64	82.3 59.0		
UNIVERSITY	MAX MIN	77 52	72 65	74 66	77 67	84 67	86 66	88 70	84 69	86 66	88 66	89 67	87 66	85 64	77 64	80 60	80 54	80 56	83 58	87 52	86 65	83 57	80 56	80 57	68 53	72 47	79 59	68 57	75 63	71 39	79.9 60.8		
VALLEY HEAD	MAX MIN	70 44	71 61	71 61	76 61	76 61	82 63	84 71	82 67	80 60	81 62	83 68	84 66	85 65	75 56	67 61	74 60	75 54	80 46	82 57	81 57	78 43	75 43	74 51	72 50	69 43	70 44	75 54	66 52	73 44	75.7 56.1		
WETUMPIA	MAX MIN	76 44	74 63	74 67	78 68	82 66	83 72	85 70	87 71	83 72	81 68	85 68	86 69	88 64	86 64	84 63	84 65	82 63	78 62	82 56	84 58	86 62	86 60	83 55	82 57	84 59	70 52	76 60	67 60	68 67	81 63	80.5 63.1	

EVAPORATION AND WIND MOVEMENT

Table 6

Station		Day of month																															Total	Departure from normal
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
AUBURN	EVAP	.18	.14	.10	.13	.13	.14	.08	.09	.07	.12	.05	.25	.16	.30	.21	.15	.19	.11	.11	.15	.14	.17	.16	.23	.18	.14	.13	.04	.05	.07	.10	4.05	
	WIND	13	14	38	26	15	61	25	9	17	22	21	15	9	21	9	29	24	5	7	7	22	25	23	17	40	41	35	28	25	65	715		
FAIRHOPE	EVAP	.08	.00	.06	.09	.08	.12	.13	.12	.06	.12	.12	.03	.17	.09	.14	.13	.11	.12	.13	.12	.10	.12	.13	.14	.06	.10	.09	.07	.06	.04	3.04		
	WIND	30	27	22	19	21	7	15	2	2	8	7	3	2	4	8	18	14	11	22	2	12	1	10	13	6	33	31	7	4	7	39	395	

See reference notes following Station Index.

STATION INDEX

ALABAMA
OCTOBER 1949

Station	Index No	County	Drainage	Latitude	Longitude	Elevation	Observation time	Observer	Refer to tables	Station	Index No	County	Drainage	Latitude	Longitude	Elevation	Observation time	Observer	Refer to tables
ABRILLE	0008	HENRY	4	31 34 85 13				WID J. P. MITCHELL	3 4	LOCK NO 1	4830	CLARKE	13	31 33 88 01	11			7A U. S. ENGINEERS	3 4
ADDISON	0063	WINSTON	2	34 13 87 10				WID PALMER GORDY	3 4	LOCK NO 2	4835	CHOCOMA	13	32 08 88 02	23			7A U. S. ENGINEERS	3 4
ADDISON CENTRAL TOWER	0071	LAWRENCE	2	34 25 87 19	1500			7A U.S.P.S.		LOCK NO 3	4840	CHOCOMA	13	32 17 88 01	33			7A U. S. ENGINEERS	3 4
ALABAMA STATE FARM	0140	WINSTON	12	34 41 86 53	600			SP ALA. POLY. INST.		LOCK NO 4	4845	TALLADEGA	13	33 38 86 11	510			7A U. S. ENGINEERS	CLOSED 8/24/49
ALBERTA	0146	ALCOA	1	32 14 87 25				BA SINDY J. HARTY, SR.	3 4	LOCK NO 5	4853	TUSCALOOSA	2	33 29 87 20	280			7A U. S. ENGINEERS	3 4
ALBRIGHTVILLE 1 MI S	0148	MARSHALL	12	34 16 86 11	1114			BA PAT M. COBBIN	2 3 5	MADISON	4976	MADISON	12	34 42 86 45	573			GP HARRY F. CARTER	2 3 5
ALEXANDER CITY 6 MI NE	0149	TALLADEGA	12	34 16 86 11	660			GP F. E. BLACKBURN	2 3 5	MAGNolia	4996	JEFFERSON	3	33 30 86 51	654			6A ALABAMA POWER CO.	3 4
ALICEVILLE	0178	PICKENS	13	33 08 88 10				7A BOSIE PHILLIPS	3 4	MADISON	5004	MADISON	1	33 08 87 39				WID DR. T. B. GILLIARD	3 4
ANDALUSIA	0252	COVINGTON	6	31 19 86 30				BA WM. W. GARRETT	2 3 5	MARION 1 MILE SSE	5108	PIERCE	3	32 37 87 18	263			8A O. MYRON ROLFELD	3 4
ANNISTON W/ AIRPORT	0272	CHILTON	7	33 35 85 51				WID U.S. WEATHER BUREAU	2 3 4 5	MARION JUNCTION	5116	DALLAS	3	32 32 87 14	204			BA MRS. MARGARET SMITH	3 4
ARLEY	0338	WINSTON	2	34 04 87 13				7A MRS. LESSIE HILLER	3 4	MARTIN DAM	5140	TALLAPOOSA	1	32 40 85 55	340			6A ALABAMA POWER CO.	3 4
ASHLAND	0369	CLAY	11	33 18 85 50				WID HEERY L. MC GOWAN	3 4	MARTIN FIELD	5202	CHOCOMA	1	32 25 86 25	165			6P U.S. ARMY AIR FORCES	2 3 5
ASHVILLE	0377	ST. CLAIR	7	33 50 86 16				7A NORMAN R. PRICKETT	3 4	MELVIN	5254	CHOCOMA	13	31 56 88 27	60			7A JOHN S. LAND	3 4
ATLANTA	0380	LIMESTONE	2	34 48 86 59	789			7A TWA-62		MONTICELLO 3 MILES E	5282	BIBB	3	32 53 87 20	280			6A USFS	3 4
ATMORE STATE FARM	0402	ESCAMBIA	8	31 10 87 29				GP ATMORE STATE FARM	2 3 4 5	MIDWAY	5397	BULLOCK	4	32 04 85 32				MID HATHORN W. RALL	3 4
AUBURN	0427	LEE	11	32 36 85 30	732			BA MRS. MARTHA I. MOORE	2 3 5 6	WILLERS FERRY	5417	WILCOX	1	32 06 87 22	78			8A NORMAN D. WILLIAMS	3 4
AUBURN SC 10	0440	AUTAGA	1	32 36 86 39				MID SCS	3 4	WILSTEAD	5439	MACON	1	32 27 85 54	206			BA T. C. CARP	3 4
AUTAGAVILLE	0446	AUTAGA	1	32 36 86 39				BA J. B. NEIGHBORS	3 4	WILTON	5465	CHILTON	7	32 48 86 27	350			6A ALABAMA POWER CO.	3 4
BARTON	0546	COLBERT	12	34 43 87 52	463			7A TWA-462		MOBILE W/ AIRPORT	5478	MOBILE	9	30 41 88 02				MID U.S. WEATHER BUREAU	2 3 4 5
BAW MINETTE	0583	BALWIN	8	30 53 87 47	268			7P GROVER W. WOODWARD	2 3 5	MOBILE W/ CITY	5483	MOBILE	9	30 42 88 02				MID U.S. WEATHER BUREAU	2 3 4 5
BEATRICE	0616	MONROE	1	31 44 87 13				7A W. P. DUNN	3 4	MONTICELLO	5529	MONTICELLO	12	34 45 86 31	1650			7A TWA-530	3 4
BELORENE	0631	FRANKLIN	12	34 28 87 52	910			MID TWA-43	3 4	MONTICELLO	5537	SHELBY	3	33 06 86 53	462			BA M. P. JETER	3 4
BERRY	0748	PAYETTE	7	33 40 87 36				MID MISS CLARA R. OLIVE	3 4	MONTICELLO W/ AIRPORT	5550	MONTICELLO	12	32 18 86 23	188			MID U.S. WEATHER BUREAU	2 3 4 5
BEZAR 2 MILES SE	0750	MARION	13	34 12 88 09				MID WM. H. WHITEHEAD	3 4	MONTICELLO W/ CITY	5555	MONTICELLO	12	32 18 86 18	201			MID U.S. WEATHER BUREAU	2 3 4 5
BILLINGSLEY	0823	AUTAGA	1	32 40 86 43				BA LEONARD C. WELDON	3 4	MOULTON	5625	LAWRENCE	1	34 29 87 17	630			MID TWA-381	3 4
BIRMINGHAM W/ AIRPORT	0831	JEFFERSON	2	33 14 86 45	610			MID U.S. WEATHER BUREAU	2 3 4 5	MUSCLE SHOALS	5749	COLBERT	12	34 40 87 36	540			MID TWA-381	3 4
BIRMINGHAM W/ CITY	0836	JEFFERSON	2	33 32 86 50	694			5P MRS. CARIE B. HORTON	2 3 5	NEW BROCKTON	5842	COLETT	5	31 23 85 56	160			MID E. EARL BOYETT	3 4
BISHOP	0854	COLBERT	12	34 38 88 05	470			7A TWA-42		NEWBURG	5847	FRANKLIN	12	34 29 87 35	660			7A TWA-644	3 4
BLAD	0957	MARSHALL	12	34 18 86 10				BA WILSON B. DODLEY	3 4	NEWTON	5862	MARKET	2	34 40 86 58	216			7A TWA-644	3 4
BRANTLEY	1069	CHENOWETH	6	31 35 86 16	284			BA R. E. HENDERSON	3 4	NEWTON	5875	DALE	5	31 20 85 37	216			10A LURN WYNN	3 4
BRENTON 3 MILES SSE	1084	ESCAMBIA	6	31 04 87 03	85			6A MRS. CLARA T. PEAVY	2 3 5	ONKONTA	6121	BLOUNT	2	33 57 86 30	857			7A P. E. SELLERS	2 3 5
BRIDGEPORT 2 MILES W	1089	JACKSON	12	34 56 85 48	650			5P MISS M. LUCIE JONES	3 4	ORVILLE	6161	DALLAS	1	32 18 87 14	200			BA EDWARD B. WARREN	3 4
BRIDGEVILLE	1178	PIKE	5	31 43 85 48	815			7A GEO. L. HICES	3 4	ORVILLE	6218	DALE	5	31 23 85 30	400			7A MRS. MARY E. SCOTT	2 3 5
CALISA	1286	SHELBY	1	32 56 85 25	600			BA ZIMBA P. HOLCOMBE	3 4	ORVILLE	6226	JACKSON	12	34 40 86 22	610			7A MRS. MARY E. SCOTT	2 3 5
CAMPBELL	1315	CLARKE	13	31 55 87 59				MID WM. H. GRIFFIN, JR.	3 4	PALMERDALE	6246	JEFFERSON	3	33 44 86 39				BA ROBERT P. STORES	3 4
CARDON HILL	1377	WALKER	2	33 54 87 32	430			7A MISS MARY C. RAY	3 4	PALMERDALE	6246	JEFFERSON	3	33 44 86 39				BA MRS. GERTUDE GREEN	3 4
CENTRE GROVE	1492	MORGAN	12	34 36 86 38	780			7A U. S. DEPT. INTERIOR	3 4	PALMERDALE	6246	JEFFERSON	3	33 44 86 39				MID MRS. MARY E. SCOTT	2 3 5
CHENOWETH	1520	BIBB	3	32 57 87 08	230			7A W. D. HOLIFIELD	2 3 5	PALMERDALE	6246	JEFFERSON	3	33 44 86 39				7A MRS. DONNA I. CLAY	3 4
CHILTON	1565	WASHINGTON	15	32 17 86 21	540			GP CHAS. D. SMITH	2 3 5	PALMERDALE	6246	JEFFERSON	3	33 44 86 39				7A MRS. DONNA I. CLAY	3 4
CHILDERSBURG	1615	TALLADEGA	12	33 17 86 21	540			6A ALABAMA POWER CO.	3 4	PALMERDALE	6246	JEFFERSON	3	33 44 86 39				7A MRS. DONNA I. CLAY	3 4
CITRONVILLE	1685	MOBILE	9	31 05 88 14	331			GP B. O. JONES	2 3 5	PLANTERSVILLE	6508	DALLAS	1	32 39 86 56				7A O. H. BARNES	3 4
CLAYTON	1694	CHILTON	7	32 51 86 38	590			7A RUCH M. SIMPSON	2 3 5	PLEASANT GROVE SCHOOL	6521	JACKSON	12	34 57 85 55				7A TWA-695	3 4
CLAYTON	1725	BARBOUR	5	31 53 85 57	590			BA EDWARD E. POPE	3 4	PLEASANT HILL	6526	DALLAS	1	32 09 86 58				MID CHARLES M. HENRY	2 3 5
COFFEY SPRINGS	1735	CHILTON	7	32 51 86 38	590			BA MRS. J. FRIDEL BETHUN	2 3 5	PLEASANT HILL	6526	DALLAS	1	32 09 86 58				GP CONTINENTAL CIV. CO.	2 3 5
COLLINSVILLE	1849	DE KALB	7	31 55 85 52	734			BA MRS. S. CUNNINGHAM	3 4	PLEASANT HILL	6526	DALLAS	1	32 09 86 58				7A MRS. JAMIE C. BROWN	2 3 5
COLUMBIA	1865	BOYDTON	5	31 18 85 06	300			BA COTY THOMPSON	2 3 5	PLEASANT HILL	6526	DALLAS	1	32 09 86 58				7A MRS. JAMIE C. BROWN	2 3 5
CORDOVA	1940	WALKER	2	33 54 87 11	430			BA MRS. J. GRISWOLD	2 3 5	PLEASANT HILL	6526	DALLAS	1	32 09 86 58				7A MRS. JAMIE C. BROWN	2 3 5
CUBA	2079	STONER	13	32 26 88 23	215			7A REUBEN P. HARRIS	3 4	PLEASANT HILL	6526	DALLAS	1	32 09 86 58				7A MRS. JAMIE C. BROWN	2 3 5
DADEVILLE	2118	TALLAPOOSA	11	32 50 85 45	760			BA DR. W. B. PULTON	3 4	PLEASANT HILL	6526	DALLAS	1	32 09 86 58				7A MRS. JAMIE C. BROWN	2 3 5
DADEVILLE NO 2	2124	TALLAPOOSA	11	32 50 85 45	760			MID JAY D. LANE	3 4	PLEASANT HILL	6526	DALLAS	1	32 09 86 58				7A MRS. JAMIE C. BROWN	2 3 5
DANCY	2141	PICKENS	13	33 01 88 17	207			7P E. F. SMITH	3 4	PLEASANT HILL	6526	DALLAS	1	32 09 86 58				7A MRS. JAMIE C. BROWN	2 3 5
DANVILLE	2149	MORGAN	12	34 23 87 04	595			GP JAMES M. CREWS	2 3 5	PLEASANT HILL	6526	DALLAS	1	32 09 86 58				7A MRS. JAMIE C. BROWN	2 3 5
DAYTON	2207	MORGAN	12	34 37 86 58	573			BA MRS. PRIMA TRIBLE	2 3 5	PLEASANT HILL	6526	DALLAS	1	32 09 86 58				7A MRS. JAMIE C. BROWN	2 3 5
DECATUR NO 1	2212	MORGAN	12	34 36 86 58	573			BA TWA-411		PLEASANT HILL	6526	DALLAS	1	32 09 86 58				7A MRS. JAMIE C. BROWN	2 3 5
DECATUR SUBSTATION	2221	MORGAN	12	34 36 86 58	573			BA TWA-411		PLEASANT HILL	6526	DALLAS	1	32 09 86 58				7A MRS. JAMIE C. BROWN	2 3 5
DEMOPOLIS	2240	MORGAN	12	34 37 86 58	573			BA J. A. ROBERTSON	2 3 5	PLEASANT HILL	6526	DALLAS	1	32 09 86 58				7A MRS. JAMIE C. BROWN	2 3 5
DOTYAN CAA AIRPORT	2277	COFFEY	13	31 25 87 04	204			BA DOZIER B. ROBERTS	2 3 5	PLEASANT HILL	6526	DALLAS	1	32 09 86 58				7A MRS. JAMIE C. BROWN	2 3 5
ELBA	2577	COFFEY	13	31 25 87 04	204			BA K. V. BERRY	3 4	PLEASANT HILL	6526	DALLAS	1	32 09 86 58				7A MRS. JAMIE C. BROWN	2 3 5
ELBRO	2632	TUSCALOOSA	13	33 15 87 48				BA HARRY E. MAUGANS	2 3 5	PLEASANT HILL	6526	DALLAS	1	32 09 86 58				7A MRS. JAMIE C. BROWN	2 3 5
ETPAULA	2727	BARBOUR	4	31 53 85 08	254			BA F. E. HOLBROOK	2 3 5	PLEASANT HILL	6526	DALLAS	1	32 09 86 58				7A MRS. JAMIE C. BROWN	2 3 5
ETPAULA LOCK NO 7	2742	GRENE	2	30 32 87 50				BA MRS. JESSIE D. GOLSON	2 3 5	PLEASANT HILL	6526	DALLAS	1	32 09 86 58				7A MRS. JAMIE C. BROWN	2 3 5
EVERGREEN	2748	CONCHO	6	32 37 87 50	340			WID SP HAROLD P. YATES	2 3 5	PLEASANT HILL	6526	DALLAS	1	32 09 86 58				7A MRS. JAMIE C. BROWN	2 3 5
FAIRHOPE	2813	BALWIN	8	30 32 87 50	340			7A TWA-384		PLEASANT HILL	6526	DALLAS	1	32 09 86 58				7A MRS. JAMIE C. BROWN	2 3 5
FALWILLE	2840	MORGAN	12	34 22 86 58	573			7A USFS		PLEASANT HILL	6526	DALLAS	1	32 09 86 58				7A MRS. JAMIE C. BROWN	2 3 5
FALLS CITY 6 MILES NW	2846	WINSTON	2	34 04 87 20	650			BA TWA-57		PLEASANT HILL	6526	DALLAS	1	32 09 86 58				7A MRS. JAMIE C. BROWN	2 3 5
FARLEY	2867	MADISON	12	34 36 86 34	870			BA LOIS V. WILLINGSWORTH	2 3 5	PLEASANT HILL	6526	DALLAS	1	32 09 86 58				7A MRS. JAMIE C. BROWN	2 3 5
FAYETTE	2863	PAYETTE	5	32 48 87 11	440			7A TWA-387		PLEASANT HILL	6526	DALLAS	1	32 09 86 58				7A MRS. JAMIE C. BROWN	2 3 5
FAYETTE	2863	PAYETTE	5	32 48 87 11	440			7A U. S. ENGINEERS	3 4	PLEASANT HILL	6526	DALLAS	1	32 09 86 58				7A MRS. JAMIE C. BROWN	2 3 5
FLORENCE AT LOCK	2876	LAUDERDALE	12	34 47 87 40	1380			7A MRS. ISABEL C. HUGHES	3 4	PLEASANT HILL	6526	DALLAS	1	32 09 86 58				7A MRS. JAMIE C. BROWN	

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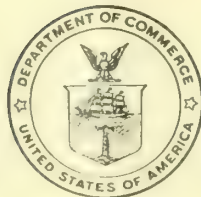
F. W. REICHELDERFER, Chief

CLIMATOLOGICAL DATA

ALABAMA

NOVEMBER 1949

Volume LV No. 11



A. R. Long, Section Director - Montgomery

Weather Summary

It was an unusual month in a number of respects. The State mean temperature was only 1.4° below normal, but there was a large number of frosty mornings. Afternoons were, however, mostly sunny and not unpleasant. Unlike last November which was extremely wet, this was the 4th driest November since State wide averages began in 1884, despite the frequent passing of cold fronts. Three tornadoes occurred in northeast Alabama on the 24th.

Monthly totals were small in all sections. Amounts of 2 inches or more in a few localities in the Tennessee Valley included moderately heavy showers which occurred on the 31st of October. There was some rain in the extreme north on the 2d. On the 13th, a cold front gave light showers which were nearly general. The first week was rather cool, but temperatures were on the rise from the 7th until after the passage of the front on the 13th. Thereafter, it was rather cool on an average, with a succession of cold fronts continuing to pass, but with practically no precipitation except scattered showers on the 24th.

As a result of the lack of rainfall, and the action of frequent frosts and low humidities, forest fires were exceptionally numerous in all sections. It was estimated by the State Forester that, in the 3 weeks ending December 5th, about 400,000 acres of woods had burned over.

Weather favored harvesting, and all crops were "in" as the month ended, except a little corn and cotton in the north. Dry soil, however, retarded seed germination and development of winter crops. Pasturage became short, forcing many farmers to feed cattle earlier than normal. Land breaking for spring crops was underway on some farms late in the month.

TORNADOES

Near Hackneyville, in the Camp Ground community 8 miles northeast of Alexander City in northeastern Tallapoosa County, at 4:30 p.m., a tornado over a path about three miles long destroyed 2 houses, with damage \$3,000. One house, in which were 10 negroes, was lifted into the air and smashed into the second house about 150 yards away, killing all ten occupants. There were 10 other negroes in the second house which was also destroyed, but they were unhurt.

The second was in Blount County at around 5:15 to 5:30 p.m., reported first at Fairview, west of Easley which is 6 miles west of Oneonta. Three persons were killed at Easley and another died on December 4th as a result of injuries when the storm hit the northern outskirts of Oneonta. The tornado moved on to Tate's Gap before lifting, making a path about 15 miles long. Besides the 4 killed, 44 were injured. There were 84 buildings damaged, of which 32 were completely destroyed. Total damage was about \$131,000, including \$5,000 worth of crops in storage and \$1,000 worth of livestock.

The third of these tornadoes struck the top of a ridge at Henagar, in DeKalb County, at about 6 p.m. One person was killed and 5 others were injured. A baby was still born as a result of injury to the mother. Three homes were destroyed, and total damage was about \$10,000.

As near as can be determined, all the above storms moved from west to east, and made paths about 100 yards wide. -FCP

ACKNOWLEDGMENTS

In addition to the climatological data from some 6,000 Weather Bureau and cooperative weather stations, this bulletin series contains records from Hydroclimatic Network Stations which were formerly reproduced in the Hydrologic Bulletin Series. The Hydroclimatic Network is a nationwide net of rain gages--mostly of the recording type which produce continuous records of precipitation. It was established in 1939 at the request of the Corps of Engineers, Department of the Army, to supplement existing precipitation stations in order to provide records of rainfall intensity which were essential to the planning of flood control and related works by the Corps of Engineers. This Network, now numbering about 2,000 recording, and 1,000 non-recording rain gages, has been maintained by the Weather Bureau through working funds transferred annually to the Weather Bureau by the Corps of Engineers. These transfers averaged about \$250,000 per year between 1940 and 1944, and nearly \$375,000 since that date. For the years 1940-42, the Department of Agriculture transferred about \$100,000 per year to provide data required in its work, and since 1947 the Bureau of Reclamation has transferred about \$25,000 per year to meet the increasing needs of their program in the Western States.

Previous to the introduction of this bulletin series, data from Hydroclimatic Network stations were presented in bulletins (Hydrologic Bulletins) which were issued monthly for each of 8 drainage areas embracing the entire United States, but since the Network was established to meet the internal requirements of the Federal agencies referred to above, no provision was made for public dissemination of the data, distribution being limited to cooperating agencies and to certain public repositories. A list of locations where reference copies of the Hydrologic Bulletin Series are available for inspection may be obtained upon application to Chief, U.S. Weather Bureau, Washington 25, D.C.

Many other records published in this bulletin have been made available through the cooperation of various public offices, private agencies, and individuals as listed in the Station Index.

SUPPLEMENTAL DATA

ALABAMA
NOVEMBER 1949

Station	Wind direction		Average	Wind	speed	Direction of fastest mile	Date of fastest mile	Relative humidity averages - percent				Number of days with precipitation							Percent of possible sunshine	Average sky cover sunrise to sunset	Degree days 65° base
	Prevailing	Percent of time from prevailing		m	p h.			12:30 a CST	6:30 a CST	12:30 p CST	6:30 p CST	Trees	.01-.09	.10-.49	.50-.99	1.00-1.99	2.00 and over	Total			
ANNISTON WB AIRPORT	NW	12	6.0	-	-	-	-	86	88	46	70	3	0	2	0	0	0	5	-	3.4	480
BIRMINGHAM WB AIRPORT	SSW	14	7.7	29	NW	25	79	86	43	60	2	2	1	0	0	0	0	5	73	2.9	430
MOBILE WB CITY	N†	17†	11.7	38	NW	25	82†	83†	48†	68†	1	2	0	0	0	0	0	3	81	2.7	223
MONTGOMERY WB CITY	NW†	11†	6.8	23	N	21	78†	86†	39†	55†	2	1	2	0	0	0	0	5	80	2.5	291
† AIRPORT DATA	-																				

COMPARATIVE DATA

Table 1

Year	Temperature			Precipitation		Year	Temperature			Precipitation		Year	Temperature			Precipitation	
	Average	Highest	Lowest	Average	No. of days .01 or more		Average	Highest	Lowest	Average	No. of days .01 or more		Average	Highest	Lowest	Average	No. of days .01 or more
1884	52.0	82	15	2.54	6	1909	59.9	90	18	1.22	3	1934	57.6	87	24	3.87	6
1885	52.6	85	18	4.62	8	1910	51.7	86	21	2.09	5	1935	56.6	96	18	3.17	5
1886	52.5	84	18	5.77	9	1911	50.6	87	11	4.46	8	1936	53.3	90	15	1.72	5
1887	53.4	84	9	1.13	2	1912	50.6	86	15	1.94	4	1937	51.5	85	17	3.19	8
1888	54.9	83	20	3.64	6	1913	56.6	88	16	1.36	3	1938	56.5	89	11	3.35	6
1889	52.6	82	20	4.86	8	1914	53.1	86	9	4.13	7	1939	52.4	85	22	0.85	4
1890	57.7	85	23	0.47	2	1915	56.6	89	20	3.12	5	1940	54.7	85	12	3.49	9
1891	52.8	90	12	4.98	7	1916	54.8	89	12	2.82	5	1941	54.3	85	20	2.51	6
1892	53.6	89	18	3.90	7	1917	51.5	81	20	1.36	3	1942	57.4	87	19	1.77	5
1893	53.7	86	15	2.76	6	1918	53.5	81	25	5.06	7	1943	52.3	87	18	3.14	3
1894	51.1	85	11	0.78	3	1919	57.3	87	21	4.54	6	1944	54.9	85	23	3.70	8
1895	53.9	84	18	1.53	4	1920	51.0	89	18	3.05	6	1945	57.0	87	16	3.45	6
1896	58.0	90	14	4.06	7	1921	58.3	87	25	3.63	8	1946	60.8	88	27	4.97	8
1897	54.8	85	21	2.02	5	1922	57.3	92	18	1.89	5	1947	53.1	81	22	8.09	12
1898	50.4	87	12	5.62	10	1923	52.2	80	22	5.22	7	1948	56.8	87	24	15.30	
1899	56.0	83	18	3.01	6	1924	56.3	90	13	0.25	2	1949	52.9	83	18	0.80	
1900	55.4	86	23	3.85	6	1925	52.9	82	18	4.46	7	Period	54.3	91	9	3.19	
1901	49.2	84	16	1.89	4	1926	50.6	83	20	4.92	8						
1902	58.1	85	21	4.18	6	1927	60.5	88	24	3.68	5						
1903	51.4	85	12	2.07	5	1928	53.3	85	16	2.15	4						
1904	52.7	86	21	2.92	6	1929	54.4	88	10	10.02	13						
1905	56.3	88	20	1.80	6	1930	54.0	85	16	7.18	10						
1906	56.3	87	19	2.39	5	1931	60.8	89	25	1.76	4						
1907	51.9	82	16	6.70	10	1932	50.3	79	20	3.71	8						
1908	57.4	88	15	1.54	4	1933	55.2	91	18	1.15	3						

See reference notes following Station Index

CLIMATOLOGICAL DATA

ALABAMA
NOVEMBER 1949

Table 2

Station	Temperature								Precipitation										
	Average	Departure from normal	Highest	Date	Lowest	Date	No. of days		Total	Departure from normal	Greatest day	Date	Snow, Sleet, Hail			No. of days			
							Max. 90° or above	Min. 32° or below					Total	Max depth on ground	Date	.01 or more	.25 or more	1.00 or more	
NORTHERN DIVISION																			
ALBERTVILLE 1 S	48.2	- 2.8	75	12	24	26	0	15	1.11	- 2.61	1.05	1	T			2	1	1	
ANNISTON WB AIRPORT	49.0	- 3.2	79	12	21	23+	0	16	.61	- 2.63	.40	13				2	1	0	
BIRMINGHAM WB APT	50.8	- 0.6	78	11	25	22+	0	11	.42	- 2.89	.32	13				3	1	0	
BIRMINGHAM WB CITY	55.4	- 1.5	79	10+	26	22	0	6	.46	- 2.85	.16	13				4	0	0	
CORDOVA	52.4	- 0.1	79	10+	21	26	0	14	.67	- 2.74	.67	1				1	1	0	
DECATUR	51.5	0.6	78	11	27	22+	0	8	2.17	- 1.03	1.56	1	T			3	2	1	
FAYETTE	49.5	-	78	11+	22	19+	0	16	1.62	- 2.13	1.24	13				3	2	1	
GADSDEN	47.3	- 4.4	77	30	18	26	0	20	1.45	- 1.76	.66	1				3	3	0	
GOODWATER	50.9	- 3.1	79	12	25	19	0	13	1.65	- 1.61	.70	1				3	3	0	
HALEYVILLE	50.2	-	75	10	23	22	0	8	.98	-	.50	13				3	2	0	
HUNTSVILLE	48.1	-	77	11	23	26	0	14	.60	- 2.86	.35	24	T			6	1	0	
LINCOLN	50.4	-	78	29	23	26	0	18	.60	-	.60	13				1	1	0	
MADISON	50.3	- 0.9	77	11	24	22+	0	10	.73	- 2.79	.32	3				4	1	0	
MUSCLE SHOALS	50.1	- 0.5	76	10	24	26	0	12	.16	- 3.29	.12	13				2	0	0	
ONEONTA	48.4	- 2.2	80	12	21	26	0	17	1.18	- 1.83	.76	1				2	2	0	
ROCK MILLS	50.9	-	80	11	22	19+	0	15	1.07	- 2.17	.41	13	T			3	3	0	
SAINT BERNARD	48.0	- 2.6	77	12	24	19+	0	16	1.08	- 2.64	.42	1				4	2	0	
SAND MTN STA FRM AP	49.5	-	74	12	25	22+	0	10	.94	-	.53	25				3	1	0	
SCOTTSBORO	50.0	- 0.4	79	12	24	23+	0	12	1.79	- 1.49	.60	24				7	3	0	
TALLADEGA	51.6	- 1.6	79	12	22	23+	0	11	.55	- 2.75	.42	13				2	1	0	
TUSCALOOSA AIRPORT	51.7	- 1.7	81	29	25	23+	0	12	.67	- 2.91	.42	12	T			2	2	0	
UNIVERSITY	51.0	- 2.4	77	20+	26	26	0	9	.94	- 2.65	.77	13				2	1	0	
VALLEY HEAD	46.1	- 3.3	76	12	19	26	0	21	-	-	-								
DIVISION	50.1	-							0.98	-									
MIDDLE DIVISION																			
ALEXANDER CTY 6 NE	51.4	-	78	11	21	19	0	12	.53	-	.27	29	T			2	2	0	
AUBURN	51.9M	- 3.6	77	12+	25	19	0	7	1.54	- 1.57	.98	25				5	2	0	
CENTREVILLE	54.5	0.7	80	11+	27	26	0	7	.98	- 2.19	.38	1+				4	2	0	
CLANTON	50.7	- 2.9	78	13+	25	19+	0	13	.60	- 2.69	.34	1				4	1	0	
DAYTON	55.7M	-	80	12+	25	22	0		.40	-	.20	25				3	0	0	
EUFULA	56.0	0.4	80	20+	26	23	0	5	-	-	-		-						
GREENSBORO	55.5	0.5	80	11+	26	22	0	6	1.57	- 1.57	.77	25				4	3	0	
GREENVILLE	55.5	- 0.5	79	28+	28	19+	0	4	.24	- 2.87	.12	14				3	0	0	
HIGHLAND HOME	56.6	- 0.5	81	29	25	19	0	4	.40	- 2.93	.28	25				2	1	0	
LA FAYETTE	52.6	-	78	12	25	16+	0	11	.83	-	-					4	1	0	
LIVINGSTON	54.0M	0.8	81	20+	25	22	0		.60	- 2.39	.58	12	T			2	1	0	
MAXWELL FIELD	54.8	-	79	11+	29	23	0	4	-	-	-								
MONTGOMERY WB APT	53.8	-	80	11+	26	23	0	6	.32	-	.25	24				2	1	0	
MONTGOMERY WB CITY	55.9	0.1	80	11	32	22+	0	2	.25	- 2.98	.14	29				3	0	0	
PRATTVILLE	53.4	- 1.1	79	11+	26	23	0	6	1.09	- 2.20	.93	25				3	1	0	
PUSHMATAHA	53.7	- 1.5	82	21+	26	23	0	9	.95	- 2.69	-		T			3		0	
SELMA	56.1	- 0.3	81	11+	27	19+	0	7	.54	- 2.40	.40	1				4	1	0	
THOMASVILLE	56.1	0.4	81	10+	28	22	0	1	.56	- 2.74	.44	25				2	1	0	
TROY	-	-	-	-	28	22	-	-	.48	- 2.84	.17	25				5	0	0	
TUSKEGEE	52.9M	- 3.3	79	12+	24	23	0	0	.70	- 2.24	.30	25				3	2	0	
UNION SPRINGS	54.9M	- 0.7	80	11+	28	22	0		1.14	- 1.83	-		T			4		0	
WETUMPKA	54.8M	- 1.1	78	11+	28	19+	0	5	1.17	- 2.01	.68	25				3	2	0	
DIVISION	54.3	-							0.74	-									
SOUTHERN DIVISION																			
ANDALUSIA	56.5	-	82	13	29	22	0	4	.38	-	.24	14		T			5	0	0
ATMORE STATE FARM	57.2	-	82	11	29	19+	0	4	.17	-	.17	30				1	0	0	
BAY MINETTE	57.5	- 2.2	83	29	29	22	0	3	.13	- 2.77	.10	12				2	0	0	
BREWTON 3 SSE	54.8	- 1.9	83	11	25	19+	0	11	.57	- 2.46	.47	14				2	1	0	
CHATAM	55.0	-	82	11+	24	23	0	12	T	-	-								
CITRONELLE	58.3	- 1.0	81	29	30	22	0	1	.17	- 3.10	.12	13	T			2	0	0	
DOTHAN CAA AIRPORT	55.6	-	82	29	29	22	0	4	.71	- 2.34	.26	29				5	2	0	
EVERGREEN	55.5	- 1.3	83	12	27	19+	0	8	.55	- 2.49	.40	14				2	1	0	
FAIRHOPE	56.0	- 2.8	83	11	24	22	0	6	.37	- 2.75	.13	13				5	0	0	
FORT MORGAN	62.1	-	80	11	39	22	0	0	1.31	-	.65	13				5	1	0	
FRISCO CITY	56.2	-	83	12	28	19	0	4	.17	- 2.85	.10	1	T			3	0	0	
GENEVA	55.4	-	82	30	27	19+	0	7	.97	- 1.96	.37	1				5	3	0	
LOCKHART	57.0	-	82	28+	29	26	0	4	.83	-	.30	14				3	3	0	
MOBILE WB AIRPORT	57.2	-	80	11	29	22	0	1	.44	-	.40	12				3	1	0	
MOBILE WB CITY	58.5	- 0.1	80	29	34	22	0	0	.12	- 3.52	.07	12				2	0	0	
OZARK	57.6	0.2	81	29	28	22	0	4	.91	- 1.99	.49	25	T			3	2	0	
ROBERTSDALE 7 E	57.5	-	79	11	29	19+	0	3	.78	- 2.60	.33	13				6	1	0	
SPRING HILL	59.0	- 0.2	82	10	30	22	0	1	.29	- 3.03	.14	13				3	0	0	
DIVISION	57.1	-							0.49	-									
STATE	52.9	- 1.4							0.80	- 2.39									

DAILY PRECIPITATION

ALABAMA
NOVEMBER 1949

Table 3

Station		Day of month																														Total
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	
ADDSVILLE	R													.68												.15	.16					
ADDISON	R													.46												.22						
ADDISON CNTRL TOWER		.60												.60													.06					
ALABAMA STATE FARM		.30												.39												.40						
ALBERTA		.36																								.28						
ALDERVILLE 1 S		1.05																											.06			1.11
ALFANDER CITY 6 NE																										.26			.27			.53
ALICEVILLE														.95																		.95
ANDALUSIA		.06								.03					.24												.03					.38
ANNISTON WB AIRPORT	T										T			.40												.21				T		.61
ARLEY		2.04	.40											.35													.35			.20		3.34
ASHLAND	//R													.58											.11	.10					.11	
ASHVILLE		.37												.27													.10					1.05
ATHENS		.83		.20																										.03		1.33
ATMORE STATE FARM	Z																														.17	
AUBURN	R	.42													.10	.10										1.10	.98			.02	.02	1.54
AUBURN SCS 10		.31																								.94						1.20
AUTUGAVILLE		.68	.23																										.21			1.46
BARTON																																1.20
BAY MINETTE													.10	.03																		.13
BEATRICE																											1.05					1.05
BELGREEN	R													.38	.12											.09						.59
BERRY	R													.27	.08																	
BENAR 2 SE	R														.41																	.48
BILLINGSLEY																										.07						.93
BIRMINGHAM WB APT	Z	.02												.32												.08						.42
BIRMINGHAM WB CITY		.14												.16												.01	.15					.46
BISHOP	Z	.53												.55																		1.08
BOAZ		.96												.36														.18				1.50
BRANTLY																																
BRANTON 3 SSF		.10													.47																	.57
BRIDGPORT 2 W		.46		.03										.19												.19				.04	.06	.99
BRUNSDIDGE		.24												.12	.25												.07					.56
CALERA																											.21					.33
CAMPBELL	R								.06					.06												.50						.62
CANNON HILL		.30												.53													.17					1.00
CENTER GROVE		.93	.64											.17	T												.34					2.27
CENTREVILLE		.38												.38																		.52
CHATOM										T																						
CHILDERSBURG		.27												.16													.09					
CITRONELLE														.12																		.17
CLANTON		.34												.05													.18			T	.03	.60
CLAYTON																.23											.55					.78
COFFEE SPRINGS																.10											.10					.20
COLLINSVILLE		.56												.17													.28					.99
COLUMBIA															.18	.05											.25					.51
CORNOVA		.67													.87												.07					.67
CUBA															.22																	.94
DADEVILLE														.07														.62				1.08
DADEVILLE NO 2	R																								.54				.02	.32		.93
DANCY														.28	.09																.15	.52
DANNVILLE		.62												.30													.48					1.40
DAYTON														.13												.07	.20					.40
DECATUR		1.56		T										.56													.05					2.17
DECATUR NO 4		.62												.63					T								.06					1.31
DECATUR SUBSTATION		.57												.62													.09					1.28
DEMOPOLIS		.20												.57													.10					.87
DOTHAN CAA AIRPORT	Z	T								T				.25	.01											.03	.16			.26		.71
ELBA		.50												.90	.90													.81				2.22
ELROD		.36																														1.26
EUFULA		.35								.03	.02				.70															.02	.05	
EUFULA LOCK NO 7	Z	.33												.87	.40											.56			.01			1.83
EVERGREEN		.15																														.55
FAIRHOPE														.04	.13	.06										.08				.06		.37
FALCO 5 NE														.20	.13																	.39
FALKEVILLE		.53												.18													.09					

ALABAMA
NOVEMBER 1949

ALABAMA
NOVEMBER 1949

See reference notes following Station Index.

ALABAMA
NOVEMBER 1949

Total

See reference notes following Station

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Table 4-Continued

HOURLY PRECIPITATION

ALABAMA
NOVEMBER 1949

Station	A. M. Hour ending												P. M. Hour ending												Total
	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	
BOAZ																		.17	.01						.18
CAMPBELL														.01		.01				.46	.01	.01			.50
DADEVILLE NO 2								.01	.01							.03	.01	.01		.13	.28		.05	.01	.54
DOTHAN CAA AIRPORT																						.03		.02	.05
EUTAW LOCK NO 7																									.54
FLAT ROCK														.01				.09	.01						.11
FORT PAYNE																		.05							.05
GARDEN CITY																	.28	.03							.31
GREENVILLE NO 2																		.01	.02			.05			.08
GUNTERVILLE REC																									.27
HALEYVILLE																	.27								.05
HUNTSVILLE	6												*	*	.04	*	*	*	.35						.05
JACKSONVILLE																.02	.03								.59
LAY DAM																	.05	.01		.51	.01				.08
MAGNOLIA																				.06	.02		*	*	.86
MARION 1 SSE												*	*	*	*	*	*	*	*	*	*	*	*	*	.86
MOBILE WB AIRPORT	6												*	*	*	*	*	*	*	*	*	*	*	*	.86
MONTGOMERY WB APT	6												*	*	*	*	*	*	*	*	*	*	*	*	.86
MONTGOMERY WB CITY																		.01							.01
MOULTON																.04									.04
NEW BROCKTON																						.04	.01	.28	.36
PAINT ROCK																	1.01								1.01
PETERMAN																						.23	.06	.01	.30
PLEASANT HILL																				.01	.01				.02
RIVER FALLS 2 NE																			.20	.02	.01				.23
THORNSBY 1 SW																	.04	.01		.01	.44				.50
TONEY														.01		.09									.11
TRAFFORD										.01	.04														.05
TROY																							.15	.01	.16
VERNON																		.02							.02
-25th-																									
ABBEVILLE		.16																							.16
ANNISTON WB AIRPORT	6	.21																							.16
DOTHAN CAA AIRPORT	6	.04	.11	.01																					.16
HUNTSVILLE	6	*	*	*	*	*	*	*	*	.02															.16
MONTGOMERY WB APT	6	.25																							.04
NEW BROCKTON		.02	.01																						.01
PETERMAN		.01																							.02
TROY			.02																						.02
-27th-																									
LAY DAM									.02																.02
-28th-																									
FLAT ROCK								.03															.01	.02	.06
HUNTSVILLE	6							*	*	*	*	*	.01												.02
MOULTON						.02																			.02
PAINT ROCK								.04	.01	.01															.06
-29th-																									
ATMORE STATE FARM																					.04	.07			.11
DADEVILLE NO 2		*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	.32								.32
DOTHAN CAA AIRPORT																							.23	.04	.27
EUTAW LOCK NO 7	//															.03	.01								.04
FORT MORGAN										.05	.02														.07
GARDEN CITY										.02	.01	.01													.04
MIDWAY										.03	.02														.05
MONTGOMERY WB CITY																			.14						.14
MOULTON						.02																			.02
NEW BROCKTON																				.18	.15	.02			.35
RIVER FALLS 2 NE							*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	.07
THORNSBY 1 SW																.01	.01								.02
TROY				.01	.02	.01																			.04
-30th-																									
BERRY																									
FORT MORGAN	//	.15																							.15
MOULTON											.02														.02

DAILY TEMPERATURES

ALABAMA
NOVEMBER 1949

Table 5

Station		Day of month																															Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
ALBERTVILLE 1 S	MAX MIN	71 37	54 36	67 37	57 28	58 36	58 28	60 29	61 28	63 30	72 45	74 47	75 50	74 46	65 37	64 33	62 29	59 33	50 28	47 25	43 32	70 32	51 25	46 25	55 37	64 39	46 24	52 29	67 54	69 54	74 30	61.8 34.6	
ALEXANDER CTY 6 NE	MAX MIN	60 41	68 31	60 38	61 27	62 34	64 28	70 34	71 32	75 34	74 38	78 47	74 54	74 47	75 33	64 26	56 23	54 21	61 37	76 47	68 28	52 22	60 41	68 44	65 23	59 34	66 47	76 34	77 47	63 46	66.9 35.8		
ANDALUSIA	MAX MIN	75 38	60 35	68 46	58 33	64 39	64 36	70 35	61 44	70 51	72 43	78 52	80 54	82 50	74 53	70 43	76 40	69 41	59 33	59 30	61 30	78 47	85 56	64 29	64 31	74 50	58 31	68 48	78 36	80 62	69.5 43.5		
ANNISTON WB AIRPORT	MAX MIN	59 34	68 31	50 30	61 26	58 32	63 28	68 28	72 32	73 34	76 37	76 40	79 45	69 45	71 36	69 35	63 26	55 30	52 26	63 30	75 24	60 34	50 23	38 21	66 33	35 26	56 21	69 48	74 34	76 48	62 31	64.9 33.1	
ATMORE STATE FARM	MAX MIN	62 35	70 46	65 34	65 30	68 36	68 34	72 39	76 47	80 47	80 52	77 55	73 58	72 49	78 39	70 37	65 34	59 34	68 34	78 29	74 46	58 29	64 30	65 30	74 47	71 30	69 45	78 44	80 50	80 51	77 44	71.8 42.6	
AUBURN	MAX MIN	72 41	60 32	62 41	60 30	62 35	63 33	62 32	72 40	72 40	76 47	74 46	77 50	77 58	68 44	71 37	74 36	64 35	55 28	61 25	71 41	60 51	51 26	60 26	66 35	51 46	57 46	64 51	76 44	77 47	65.6 38.2		
BAY MINETTE	MAX MIN	60 36	71 35	59 45	65 34	69 40	67 37	72 42	73 40	80 48	81 56	82 58	74 59	67 49	71 39	78 36	70 34	60 32	60 32	68 47	78 54	73 29	56 24	67 33	75 47	67 45	70 48	76 48	80 58	83 63	69 51	70.7 44.2	
BIRMINGHAM WB APT	MAX MIN	57 36	69 33	51 32	61 28	61 33	57 29	68 33	72 29	74 33	76 43	78 47	77 52	66 46	70 38	66 30	62 34	54 28	53 27	64 30	76 27	62 50	50 23	57 33	67 43	66 30	60 29	69 46	73 34	76 48	62 31	64.8 36.8	
BIRMINGHAM WB CITY	MAX MIN	61 33	71 38	64 39	65 31	63 40	66 32	73 35	74 40	78 51	79 53	76 56	77 58	70 57	74 43	70 45	66 35	58 35	58 30	65 31	79 49	71 43	53 26	59 33	67 46	66 40	61 29	71 50	72 59	78 65	67 43	68.5 42.2	
BREWTON 3 SSE	MAX MIN	62 38	70 31	60 42	60 30	66 33	70 33	75 38	79 42	81 45	83 49	80 53	80 54	71 36	70 31	66 25	59 25	59 25	68 31	71 25	69 31	58 27	58 27	67 44	74 50	70 25	80 38	81 48	82 58	73 52	71.2 38.4		
CENTREVILLE	MAX MIN	60 38	68 34	62 36	65 33	64 30	60 32	70 33	76 33	78 46	78 46	80 50	72 60	75 40	68 38	60 32	58 34	60 28	68 38	78 38	68 38	56 24	62 28	62 38	68 44	70 42	70 50	78 54	80 64	70 44	69.1 39.8		
CHATOM	MAX MIN	62 33	72 41	60 42	69 34	67 32	66 30	72 42	77 31	79 39	80 47	82 51	76 57	69 44	73 35	74 40	71 32	61 29	61 25	69 42	79 25	66 42	56 34	64 47	77 48	71 46	70 48	79 46	82 61	74 48	71.2 38.8		
CITRONELLE	MAX MIN	60 35	70 38	58 46	64 38	67 43	65 39	70 45	74 46	78 52	79 50	80 59	76 63	66 60	71 48	70 45	62 39	62 35	68 42	78 34	71 50	53 52	66 30	66 34	75 52	67 51	69 37	80 51	80 59	81 69	70 52	70.0 46.5	
CLANTON	MAX MIN	64 37	57 33	66 36	54 29	59 33	62 30	60 31	65 30	70 35	74 44	75 45	77 46	78 52	69 41	70 37	66 30	55 25	52 27	62 48	75 25	61 48	60 25	62 27	70 45	53 26	70 55	79 56	78 76	76 45	65.3 36.1		
CORDOVA	MAX MIN	59 33	71 32	67 26	66 32	60 25	64 25	70 27	73 40	76 47	79 50	78 56	78 58	65 48	68 32	70 25	68 28	60 27	53 22	78 43	77 32	50 22	60 38	68 40	76 39	68 32	70 39	75 62	76 65	73 43	68.8 35.9		
DAYTON	MAX MIN	66 34	62 42	64 31	62 39	64 33	70 33	73 37	74 42	78 46	79 54	80 59	80 57	71 40	67 35	66 34	68 31	66 26	66 26	77 49	74 49	60 25	62 30	62 42	75 42	66 31	73 49	78 58	80 64	76 46	70.0 41.4		
DECATUR	MAX MIN	55 35	69 37	60 39	63 31	53 40	59 32	59 33	72 40	73 42	77 47	78 52	76 55	66 42	65 35	61 30	54 29	48 29	48 29	63 48	71 37	65 43	58 27	65 40	62 45	62 50	56 48	68 70	69 61	70 61	63.4 39.5		
DOTHAN CAA AIRPORT	MAX MIN	63 43	68 38	61 34	64 34	71 39	64 38	71 35	72 46	77 50	76 54	80 58	79 62	77 50	63 42	58 30	68 35	59 30	63 30	78 41	68 30	54 29	63 40	74 47	64 37	62 42	77 56	80 69	82 74	66 44	69.2 42.0		
EUPAULA	MAX MIN	61 42	69 34	63 46	64 33	64 36	65 33	70 40	75 42	78 51	79 50	78 53	73 60	71 47	67 39	67 38	61 36	58 31	80 27	73 40	59 54	69 29	72 26	70 45	75 50	75 28	80 52	76 62	76 52	69.9 42.0			
EVERGREEN	MAX MIN	71 36	61 33	71 43	59 31	62 35	70 36	73 32	75 38	81 46	80 48	83 53	82 52	77 49	78 35	71 30	60 27	59 27	79 29	79 29	54 29	67 42	73 49	73 27	78 48	81 78	82 59	80 51	82 52	71.8 39.2			
FAIRHOPE	MAX MIN	63 34	70 32	62 38	64 31	72 38	66 33	69 37	75 39	80 48	80 55	78 54	68 46	73 39	76 37	72 33	66 30	61 33	69 30	74 53	67 24	68 28	76 43	63 36	69 47	77 48	80 58	81 66	69 57	70.9 41.0			
FAYETTE	MAX MIN	50 31	58 30	71 37	53 27	64 26	58 27	65 26	69 36	71 37	76 42	78 52	70 42	66 35	71 27	67 26	64 22	55 32	54 32	65 35	78 42	53 22	50 32	60 42	60 42	55 41	50 61	75 71	75 62	65 43	65.0 33.9		
FORT MORGAN	MAX MIN	62 43	67 52	66 54	60 45	68 54	63 45	69 50	72 49	74 58	75 65	80 66	75 60	71 55	69 52	72 59	62 52	67 59	75 59	69 39	65 43	64 55	75 52	65 46	74 56	76 66	72 66	76 66	69 59	69.5 54.6			
FRISCO CITY	MAX MIN	70 34	62 44	70 45	59 37	66 36	68 33	73 37	76 39	81 46	82 48	83 53	78 58	67 46	73 39	78 35	70 33	62 30	68 28	79 54	67 29	56 26	66 33	60 38	68 41	78 54	79 63	81 54	80 63	70.8 41.5			
GADSDEN	MAX MIN	62 40	58 30	69 32	49 26	61 24	56 26	62 28	69 26	70 28	72 34	75 39	74 43	76 36	68 32	65 24	61 26	54 22	50 24	60 37	73 26	55 21	49 28	58 41	64 28	45 18	55 22	70 43	73 54	77 46	63.3 31.2		
GENEVA	MAX MIN	77 43	64 33	70 35	61 31	65 34	73 32	65 35	70 46	73 47	77 55	79 55	77 55	76 38	71 36	76 37	66 30	60 27	66 30	79 27	68 34	60 55	67 28	69 48	67 33	64 27	74 38	66 50	79 56	82 51	71.0 39.7		
GOODWATER	MAX MIN	68 39	58 35	70 38	52 38	61 24	60 26	63 31	70 36	72 36	76 43	75 44	79 49	73 41	72 30	75 25	64 32	53 29	53 25	65 37	77 29	59 26	53 28	61 43	67 45	61 28	65 47	78 56	76 44	76 44	66.2 35.6		
GREENSBORO	MAX MIN	61 34	72 35	58 41	63 32	66 37	69 34	73 37	75 41	78 48	79 53	80 56	78 56	71 43	75 34	69 30	60 29	59 24	67 24	80 44	76 26	55 42	59 43	72 45	67 47	63 29	75 47	78 55	80 43	73 47	70.0 40.9		
GREENVILLE	MAX MIN	56 37																															

DAILY TEMPERATURES

ALABAMA
NOVEMBER 1949

Table S-Continued

Station		Day of month																															Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
MOBILE WB CITY	MAX MIN	61 38	68 40	60 45	65 39	69 46	65 40	71 41	75 43	78 50	76 52	77 59	75 67	68 56	71 50	77 48	72 46	61 44	60 41	62 35	77 56	67 44	54 34	63 35	74 57	63 50	66 44	77 55	78 62	80 65	69 48	69.3 47.7	
MONTGOMERY WB APT	MAX MIN	60 40	68 39	57 41	62 36	65 42	65 37	71 35	73 40	76 42	77 46	80 51	78 52	71 54	74 39	76 66	57 38	56 32	66 28	78 40	63 36	52 27	61 26	72 46	64 35	63 28	72 45	79 49	80 62	65 42	68.2 39.3		
MONTGOMERY WB CITY	MAX MIN	60 40	67 39	57 41	62 36	62 42	67 37	70 46	73 46	76 51	78 52	80 58	77 54	71 48	73 46	76 41	66 41	56 35	55 33	78 33	61 48	52 38	60 32	71 50	64 43	63 36	71 49	79 58	79 63	65 50	67.7 44.1		
MUSCLE SHOALS	MAX MIN	56 32	67 38	67 36	49 28	63 40	54 29	61 28	67 29	72 42	74 46	76 52	66 50	62 44	66 39	60 40	61 29	51 34	49 32	63 52	72 27	52 32	48 25	59 31	65 42	52 30	60 24	71 48	70 53	60 52	62.4 37.7		
ONEONTA	MAX MIN	58 35	56 31	70 33	49 25	62 26	55 22	62 27	70 32	75 36	78 38	80 43	78 47	69 35	70 35	66 29	63 27	50 23	50 24	65 25	74 55	50 24	58 25	64 35	54 21	61 23	68 49	75 61	76 44	64.5 32.3			
OZARK	MAX MIN	73 41	69 39	65 46	63 34	69 40	65 37	70 38	72 48	77 49	75 53	80 51	79 53	74 52	66 53	76 46	72 40	64 42	56 35	65 32	79 42	75 56	62 28	65 32	73 45	70 48	63 42	77 55	79 60	81 78	71.1 44.0		
PRATTVILLE	MAX MIN	59 41	69 34	55 39	61 33	62 34	63 38	70 32	71 39	75 40	75 43	79 43	78 50	74 55	71 44	76 37	65 33	56 34	54 28	64 27	78 37	64 48	51 26	71 28	65 50	61 40	71 29	79 39	77 49	71 62	67.5 39.3		
PUSHMATAHA	MAX MIN	58 33	61 32	73 35	58 32	67 31	67 33	64 32	70 33	72 35	76 41	79 48	81 51	75 52	70 38	73 70	71 60	70 60	60 69	69 82	62 49	53 27	59 26	72 45	61 31	69 33	70 60	80 82	82 48	68.9 38.5			
ROBERTSDALE 7 E	MAX MIN	61 37	68 35	60 48	65 34	71 44	67 36	71 36	72 42	78 50	78 47	79 54	76 59	69 60	69 53	73 43	70 43	62 42	60 37	65 29	75 47	68 59	59 29	66 30	73 51	69 52	67 39	75 47	77 59	77 61	71 55	69.7 45.3	
ROCK MILLS	MAX MIN	61 41	68 31	68 31	61 38	65 29	64 32	64 28	72 34	70 32	75 37	73 40	79 37	72 50	74 38	63 33	64 28	58 29	55 22	62 31	76 48	65 26	53 23	58 35	63 42	65 30	62 22	68 43	75 64	77 64	69 41	67.2 34.5	
SAINT BERNARD	MAX MIN	55 34	56 32	66 34	68 28	47 28	62 28	53 28	62 30	68 34	71 37	73 38	75 44	77 48	64 38	66 37	62 28	53 28	50 24	64 25	74 37	52 25	49 25	67 29	64 38	58 24	75 25	69 44	75 58	74 44	62.7 33.3		
SAND MTN STA FRM AP	MAX MIN	54 36	66 33	58 34	58 26	52 34	60 26	65 26	70 31	71 40	73 47	74 50	74 51	69 53	64 37	62 37	57 29	46 33	59 26	72 26	67 37	46 35	55 25	62 27	61 37	66 36	68 25	68 53	73 61	62 40	62.6 36.3		
SCOTTSBORO	MAX MIN	60 39	70 33	54 38	64 28	55 38	65 29	70 28	73 29	77 29	77 36	78 41	79 44	68 56	70 38	64 39	62 55	52 30	55 29	63 63	71 58	51 27	57 24	62 39	60 27	55 34	71 24	65 35	73 45	62 57	64.6 35.3		
SELMA	MAX MIN	69 37	72 35	55 44	65 32	67 37	70 35	72 37	75 40	79 46	80 47	81 51	81 56	72 61	74 53	76 44	68 38	61 39	59 35	67 32	79 53	73 29	60 27	69 43	74 47	68 28	74 49	80 51	81 65	76 49	71.2 41.0		
SPRING HILL	MAX MIN	68 36	63 39	72 47	62 36	68 46	71 38	69 42	73 42	82 51	79 49	80 58	76 63	65 63		78 44	72 42	63 38	63 34	71 48	78 57	67 30	59 35	70 43	75 51	65 41	70 50	79 62	79 64	81 54	71.4 46.6		
TALLADEGA	MAX MIN	60 40	69 31	58 40	62 26	61 33	63 27	70 28	73 31	74 36	77 40	77 43	79 48	70 57	72 38	71 34	63 27	56 35	54 23	73 47	61 26	52 22	60 26	67 36	65 41	58 22	70 41	77 53	75 59	63 45	66.5 36.7		
THOMASVILLE	MAX MIN	58 34	71 37	55 40	63 33	62 42	63 35	70 41	75 42	78 47	81 51	81 56	78 61	65 53	70 44	74 43	68 38	58 33	56 33	68 33	78 50	62 45	50 28	63 33	75 49	67 40	68 35	75 52	80 57	81 64	70 49	68.8 43.4	
TROY	MAX MIN		40	39	45	34	44	36	40	44	49	52	50	52	61	51	42	41	40	35	30	43	55	28	52	58			75	79	79	- 44.3	
TUSCALOOSA AIRPORT	MAX MIN	59 34	72 33	55 34	65 30	61 36	64 30	70 29	74 31	77 42	79 39	79 45	79 47	69 39	73 36	68 30	66 31	57 27	56 26	66 42	80 34	62 27	52 25	57 37	72 61	64 30	73 25	76 55	81 53	65 33	67.7 35.6		
TUSKEGEE	MAX MIN	75 40	60 35	68 42	56 29	63 36	64 31	64 32	69 39	73 42	77 48	77 45	79 48	79 47	72 39	71 37	76 38	65 30	56 25	64 39	78 51	62 27	52 24	61 40	71 45	54 27	60 39	68 78	77		67.4 38.3		
UNION SPRINGS	MAX MIN	61 38	69 33	59 41		65 32	63 31	71 40	73 43	72 44	78 43	80 46	80 52	70 47	71 38	77 35	67 34	58 32	59 32	64 29	80 47	64 28	53 29	63 49	73 40	67 30	72 49	79 57	80 65	70	69.0 40.7		
UNIVERSITY	MAX MIN	56 33	68 35	53 36	60 31	58 35	60 31	67 30	72 34	74 44	75 43	75 47	76 50	65 46	70 40	63 39	63 32	54 35	53 30	61 27	77 47	58 33	48 27	54 27	69 40	58 33	60 26	69 48	73 59	77 53	62 36	64.3 37.6	
VALLEY HEAD	MAX MIN	49 37	66 30	57 32	54 24	56 24	58 24	72 27	72 31	74 32	72 38	76 38	75 44	75 35	61 35	57 24	50 25	47 22	59 21	65 32	52 27	47 22	58 20	61 29	61 19	52 35	65 49	68 52	70 30	65	61.7 30.4		
WETUMPKA	MAX MIN	60 43	68 38	68 45	61 34	65 38	63 34	69 34	71 41	76 48	72 47	78 45	77 51	72 62	71 46	75 40	75 36	67 38	57 32	62 28	68 44		60 29	50 28	61 45	73 44	58 29	61 44	78 55	75 64	67.5 42.1		

EVAPORATION AND WIND MOVEMENT

STATION INDEX

ALABAMA
NOVEMBER 1949

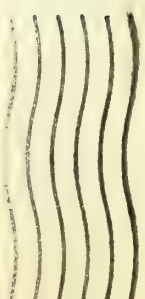
Station	Index No	County	Drainage ¹	Latitude	Longitude	Elevation	Observer	Refer to tables	Station	Index No	County	Drainage ¹	Latitude	Longitude	Elevation	Observer	Refer to tables
ABBEVILLE	0008	HENRY	4	31 34 45 13			MID J. P. MITCHELL	3 4	LOCK NO 1	4830	CLARK	13	31 33 48 01	11		7A U. S. ENGINEERS	3 4
ADDISON	0067	WINSTON	2	34 13 17 10			MID PALMER GIBBS	3 4	LOCK NO 2	4833	CROXTAW	13	32 01 48 03	23		7A U. S. ENGINEERS	3 4
ADDISON CENTRAL TOWER	0071	LAWRENCE	2	34 25 47 10	1300		7A U. S. F.	3 4	LOCK NO 3	4840	CROXTAW	13	32 17 48 01	11		7A U. S. ENGINEERS	3 4
ALABAMA STATE FARM	0171	LAURENS	2	31 14 46 33			7A U. S. F.	3 4	LOCK NO 17	4845	TALLADEGA	7	33 38 46 11	510		7A U. S. ENGINEERS	CLOSED 8/21/49
ALBANY	0140	WILCOX	1	31 12 14 27 25			7A U. S. F.	3 4	MADISON	4876	MADISON	3	33 24 46 45	573		7A U. S. ENGINEERS	3 4
ALBANYVILLE 1 MI S	0140	MARSHALL	1	34 16 46 13	1114		7A U. S. F.	3 4	MADISON	4891	JEFFERSON	3	33 30 46 51	854		7A U. S. ENGINEERS	3 4
ALBANYVILLE CITY 6 MI N	0140	MARSHALL	1	34 16 46 13	1114		7A U. S. F.	3 4	MADISON	4904	MADISON	3	33 30 46 51	854		7A U. S. ENGINEERS	3 4
ALICEVILLE	0178	LICKENS	13	30 08 48 10			7A U. S. F.	3 4	MADISON	5004	MADISON	3	33 30 46 51	854		7A U. S. ENGINEERS	3 4
ANDALUSIA	0252	COVINGTON	6	31 19 46 30	346		7A U. S. F.	3 4	MADISON	5108	PERRY	3	32 37 47 18	263		7A U. S. ENGINEERS	3 4
ANNISTON WB AIRPORT	0222	CALHOUN	2	31 15 45 51			MID M.D.S. WEATHER BUREAU	2 3 4 5	MADISON	5116	DALLAS	3	32 32 47 14	204		7A U. S. ENGINEERS	3 4
ARLEY	0338	WINSTON	2	34 14 47 13			7A U. S. F.	3 4	MADISON	5140	TALLAPOOSA	11	32 40 48 55	344		7A U. S. ENGINEERS	3 4
ASHLAND	0360	CLAY	1	31 16 45 50			7A U. S. F.	3 4	MADISON	5202	MONTGOMERY	1	32 25 46 25	182		7A U. S. ENGINEERS	3 4
ASHVILLE	0377	ST. CLAIR	7	33 50 46 16	880		7A U. S. F.	3 4	MADISON	5354	CROXTAW	13	31 56 48 27	160		7A U. S. ENGINEERS	3 4
ATLANTA	0380	LIBERTY	12	34 48 46 58	705		7A U. S. F.	3 4	MADISON	5382	DIBB	3	32 53 47 20	605		7A U. S. ENGINEERS	3 4
ATMORE STATE FARM	0412	WINDHAM	8	31 19 47 28			7A U. S. F.	3 4	MADISON	5397	DIBB	4	32 54 48 33	32		7A U. S. ENGINEERS	3 4
AUBURN	0428	LEE	11	32 36 45 30	732		7A U. S. F.	3 4	MADISON	5417	WILCOX	1	32 08 47 22	78		7A U. S. ENGINEERS	3 4
AUBURN SEN 10	0428	LEE	11	32 36 45 30	732		7A U. S. F.	3 4	MADISON	5439	MACON	11	32 27 48 54	206		7A U. S. ENGINEERS	3 4
ATLANTAVILLE	0440	ATLANTA	1	32 26 46 38			7A U. S. F.	3 4	MADISON	5465	CHILTON	7	32 47 48 27	350		7A U. S. ENGINEERS	3 4
BARTON	0546	COLBERT	12	34 43 47 52	463		7A U. S. F.	3 4	MADISON	5478	MOBILE	9	30 41 48 12	10		7A U. S. ENGINEERS	3 4
BAY WIRETTE	0583	BALDWIN	9	30 53 47 47	268		7A U. S. F.	3 4	MADISON	5483	MOBILE	9	30 41 48 12	10		7A U. S. ENGINEERS	3 4
BEATRICE	0611	MONROE	1	31 44 47 13			7A U. S. F.	3 4	MADISON	5529	MADISON	12	34 45 46 31	1850		7A U. S. ENGINEERS	3 4
BEAUREGARD	0631	PRATCHEL	12	34 28 47 52	910		7A U. S. F.	3 4	MADISON	5537	SHELBY	3	33 06 46 53	482		7A U. S. ENGINEERS	3 4
BERRY	0748	PAYETTE	2	33 40 47 38			7A U. S. F.	3 4	MADISON	5550	MONTGOMERY	1	32 48 46 23	182		7A U. S. ENGINEERS	3 4
BEAR 2 MILES SE	0780	MARION	13	34 12 48 09			7A U. S. F.	3 4	MADISON	5555	MONTGOMERY	1	32 23 46 18	201		7A U. S. ENGINEERS	3 4
BILLINGSLEY	0823	ATLANTA	1	32 40 46 43			7A U. S. F.	3 4	MADISON	5625	LAWRENCE	12	34 28 47 17	636		7A U. S. ENGINEERS	3 4
BIRMINGHAM WB AIRPORT	0843	JEFFERSON	2	33 32 46 50	884		7A U. S. F.	3 4	MADISON	5642	COFFEY	5	31 23 45 56	760		7A U. S. ENGINEERS	3 4
BIRMINGHAM WB CITY	0854	COLBERT	12	34 38 48 05	470		7A U. S. F.	3 4	MADISON	5662	MADISON	12	34 28 47 35	525		7A U. S. ENGINEERS	3 4
BISHOP	0857	MARSHALL	2	31 18 46 15	284		7A U. S. F.	3 4	MADISON	5675	DALE	5	31 20 45 37	218		7A U. S. ENGINEERS	3 4
BLANTZ	1069	CHESLEY	6	31 35 46 16			7A U. S. F.	3 4	MADISON	6121	BLOUNT	2	33 57 46 30	857		7A U. S. ENGINEERS	3 4
BRYANTON 3 MILES SSE	1084	CAMBRIDGE	6	31 04 47 03	85		7A U. S. F.	3 4	MADISON	6161	DALLAS	1	32 18 47 14	210		7A U. S. ENGINEERS	3 4
BRIDGEPORT 2 MILES W	1089	JACKSON	12	34 56 45 44	660		7A U. S. F.	3 4	MADISON	6202	JACKSON	12	34 40 46 20	400		7A U. S. ENGINEERS	3 4
BRYAN	1171	CLAY	1	31 16 45 48	515		7A U. S. F.	3 4	MADISON	6246	JEFFERSON	3	33 44 46 38	304		7A U. S. ENGINEERS	3 4
CALISA	1248	WILCOX	1	31 06 46 45	500		7A U. S. F.	3 4	MADISON	6362	PERRY	3	32 47 48 42	505		7A U. S. ENGINEERS	3 4
CAMPBELL	1315	LAMAR	3	31 55 47 59	430		7A U. S. F.	3 4	MADISON	6370	MONROE	1	31 35 47 16	18		7A U. S. ENGINEERS	3 4
CANON	1432	WILCOX	1	31 54 47 32	430		7A U. S. F.	3 4	MADISON	6418	PICKENS	13	33 18 46 16	110		7A U. S. ENGINEERS	3 4
CENTER GROVE	1446	MONROE	1	32 34 46 38	780		7A U. S. F.	3 4	MADISON	6448	MONTGOMERY	6	32 04 46 04	3		7A U. S. ENGINEERS	3 4
CENTRALVILLE	1520	WILCOX	1	32 57 47 08	340		7A U. S. F.	3 4	MADISON	6508	DALLAS	1	32 39 46 56	150		7A U. S. ENGINEERS	3 4
CHADWORTH	1521	WILCOX	1	32 57 47 08	340		7A U. S. F.	3 4	MADISON	6521	JACKSON	12	34 57 45 53	745		7A U. S. ENGINEERS	3 4
CHILDRERSBURG	1615	TALLADEGA	3	33 17 46 21	230		7A U. S. F.	3 4	MADISON	6526	DALLAS	1	32 10 46 55	281		7A U. S. ENGINEERS	3 4
CITRONELLE	1645	MOBILE	9	31 05 48 14	331		7A U. S. F.	3 4	MADISON	6540	ATLANTA	1	32 28 46 28	281		7A U. S. ENGINEERS	3 4
CLAMSON	1648	CHILTON	7	32 51 46 38	590		7A U. S. F.	3 4	MADISON	6544	ATLANTA	1	32 28 46 28	281		7A U. S. ENGINEERS	3 4
CLAYTON	1702	LAMAR	3	31 53 47 59	590		7A U. S. F.	3 4	MADISON	6544	ATLANTA	1	32 28 46 28	281		7A U. S. ENGINEERS	3 4
CURTIS SPRING	1867	CANON	2	31 10 46 35	235		7A U. S. F.	3 4	MADISON	6544	ATLANTA	1	32 28 46 28	281		7A U. S. ENGINEERS	3 4
COLLINSVILLE	1949	W. ALBANY	7	34 15 45 52	734		7A U. S. F.	3 4	MADISON	6544	ATLANTA	1	32 28 46 28	281		7A U. S. ENGINEERS	3 4
COLUMBIA	1953	WILCOX	1	31 18 46 06	130		7A U. S. F.	3 4	MADISON	6544	ATLANTA	1	32 28 46 28	281		7A U. S. ENGINEERS	3 4
CORONA	2004	WILCOX	1	32 08 47 11	334		7A U. S. F.	3 4	MADISON	6544	ATLANTA	1	32 28 46 28	281		7A U. S. ENGINEERS	3 4
CUBA	2074	WILCOX	1	32 08 47 11	334		7A U. S. F.	3 4	MADISON	6544	ATLANTA	1	32 28 46 28	281		7A U. S. ENGINEERS	3 4
DALLAS	2110	TALLAPOOSA	11	32 40 48 55	344		7A U. S. F.	3 4	MADISON	6544	ATLANTA	1	32 28 46 28	281		7A U. S. ENGINEERS	3 4
DALLASVILLE NO 2	2124	TALLAPOOSA	11	32 40 48 55	344		7A U. S. F.	3 4	MADISON	6544	ATLANTA	1	32 28 46 28	281		7A U. S. ENGINEERS	3 4
DANN	2141	WILCOX	1	32 08 47 11	334		7A U. S. F.	3 4	MADISON	6544	ATLANTA	1	32 28 46 28	281		7A U. S. ENGINEERS	3 4
DANNVILLE	2149	WILCOX	1	32 08 47 11	334		7A U. S. F.	3 4	MADISON	6544	ATLANTA	1	32 28 46 28	281		7A U. S. ENGINEERS	3 4
DAVEN	2154	WILCOX	1	32 08 47 11	334		7A U. S. F.	3 4	MADISON	6544	ATLANTA	1	32 28 46 28	281		7A U. S. ENGINEERS	3 4
DECATUR	2201	WILCOX	1	32 08 47 11	334		7A U. S. F.	3 4	MADISON	6544	ATLANTA	1	32 28 46 28	281		7A U. S. ENGINEERS	3 4
DECATUR NO 4	2216	WILCOX	1	32 08 47 11	334		7A U. S. F.	3 4	MADISON	6544	ATLANTA	1	32 28 46 28	281		7A U. S. ENGINEERS	3 4
DECATUR SUBSTATION	2221	WILCOX	1	32 08 47 11	334		7A U. S. F.	3 4	MADISON	6544	ATLANTA	1	32 28 46 28	281		7A U. S. ENGINEERS	3 4
DECATURVILLE	2221	WILCOX	1	32 08 47 11	334		7A U. S. F.	3 4	MADISON	6544	ATLANTA	1	32 28 46 28	281		7A U. S. ENGINEERS	3 4
DECATURVILLE	2221	WILCOX	1	32 08 47 11	334		7A U. S. F.	3 4	MADISON	6544	ATLANTA	1	32 28 46 28	281		7A U. S. ENGINEERS	3 4
DECATURVILLE	2221	WILCOX	1	32 08 47 11	334		7A U. S. F.	3 4	MADISON	6544	ATLANTA	1	32 28 46 28	281		7A U. S. ENGINEERS	3 4
DECATURVILLE	2221	WILCOX	1	32 08 47 11	334		7A U. S. F.	3 4	MADISON	6544	ATLANTA	1	32 28 46 28	281		7A U. S. ENGINEERS	3 4
DECATURVILLE	2221	WILCOX	1	32 08 47 11	334		7A U. S. F.	3 4	MADISON	6544	ATLANTA	1	32 28 46 28	281		7A U. S. ENGINEERS	3 4
DECATURVILLE	2221	WILCOX	1	32 08 47 11	334		7A U. S. F.	3 4	MADISON	6544	ATLANTA	1	32 28 46 28	281		7A U. S. ENGINEERS	3 4
DECATURVILLE	2221	WILCOX	1	32 08 47 11	334		7A U. S. F.	3 4	MADISON	6544	ATLANTA	1	32 28 46 28	281		7A U. S. ENGINEERS	3 4
DECATURVILLE	2221	WILCOX	1	32 08 47 11	334		7A U. S. F.	3 4	MADISON	6544	ATLANTA	1	32 28 46 28	281		7A U. S. ENGINEERS	3 4
DECATURVILLE	2221	WILCOX	1	32 08 47 11	334		7A U. S. F.	3 4	MADISON	6544	ATLANTA	1	32 28 46 28	281		7A U. S. ENGINEERS	3 4
DECATURVILLE	2221	WILCOX	1	32 08 47 11	334		7A U. S. F.	3 4	MADISON	6544	ATLANTA	1	32 28 46 28	281		7A U. S. ENGINEERS	3 4
DECATURVILLE	2221	WILCOX	1	32 08 47 11	334		7A U. S. F.	3 4	MADISON	6544	ATLANTA	1	32 28 46 28	281		7A U. S. ENGINEERS	3 4
DECATURVILLE	2221	WILCOX	1	32 08 47 11	334		7A U. S. F.	3 4	MADISON	6544	ATLANTA	1	32 28 46 28	281		7A U. S. ENGINEERS	3 4
DECATURVILLE	2221	WILCOX	1	32 08 47 11	334		7A U. S. F.	3 4	MADISON	6544	ATLANTA	1	32 28 46 28	281		7A U. S. ENGINEERS	3 4
DECATURVILLE	2221	WILCOX	1	32 08 47 11	334		7A U. S. F.	3 4	MADISON	6544	ATLANTA	1	32 28 46 28	281		7A U. S. ENGINEERS	3 4
DECATURVILLE	2221	WILCOX	1	32 08 47 11	334		7A U. S. F.	3 4	MADISON	6544	ATLANTA	1	32 28 46 28	281		7A U. S. ENGINEERS	3 4
DECATURVILLE	2221	WILCOX	1	32 08 47 11	334		7A U. S. F.	3 4	MADISON	6544	ATLANTA	1	32 28 46 28	281		7A U. S. ENGINEERS	3 4
DECATURVILLE	2221	WILCOX	1	32 08 47 11	334		7A U. S. F.	3 4	MADISON	6544	ATLANTA	1	32 28 46 28	281		7A U. S. ENGINEERS	3 4
DECATURVILLE	2221	WILCOX	1	32 08 47 11	334		7A U. S. F.	3 4	MADISON	6544	ATLANTA	1	32 28 46 28	281		7A U. S. ENGINEERS	3 4
DECATURVILLE	2221	WILCOX	1	32 08 47 11	334		7A U. S. F.	3 4	MADISON	6544	ATLANTA	1	32 28 46 2				

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U. S. DEPARTMENT OF COMMERCE

CHARLES SAWYER, Secretary

WEATHER BUREAU

F. W. REICHELDERFER, Chief

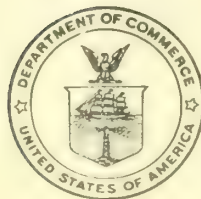
AGRICULTURAL DEPARTMENT
CLERICAL OFFICE

CLIMATOLOGICAL DATA

ALABAMA

DECEMBER 1949

Volume LV No. 12



A. R. Long, Section Director - Montgomery

Weather Summary

Although the temperature mean was 2.3° higher than normal and rainfall averaged 1.27 inches less than normal, the month was a type of December which frequently occurs. Precipitation was quite evenly distributed. There was widespread dense fog on the morning of the 19th, and scattered areas of fog, locally dense, occurred on several other dates. Considerable cloudiness prevailed most of the time.

The first 10 days had near normal temperatures. Light rain fell on the 24th and there were light to moderate general showers on the 7th. Temperatures of 32° or lower were recorded over all but the extreme south on the 3d and extended nearly to the coast on the 6th. A rainy period ran from the 10th to the 15th, in which temperatures were mild from the 11th to the 13th and falling thereafter until the morning of the 16th when freezing temperatures were State wide. After the 17th, temperatures were relatively mild except from the 23d to the 25th. A freeze extended to the coast again on the 24th. Rainfall after the 15th was not heavy. Light to moderate rain was reported on the 18th and around the 22d, and light scattered showers on the 26th.

The drought which had built up during November was not completely relieved until around the 12th. Thereafter winter grains and legumes, which had been slow coming up and growing, made good progress, but these crops were several weeks behind as the month ended. Unusually limited grazing necessitated heavier feeding of cattle than usual for the time of year. Preparations were being made late in the month for planting Irish potatoes in the coastal counties.

The fog on the 19th caused an unusual incidence of automobile accidents, and in addition to numerous injuries, 4 people were killed. A woman was killed near Thorsby, in Chilton County, and another near Vincent, in Shelby County. A man was killed at Tarrant, a suburb of Birmingham, and another near Winfield, in Marion County.

The epidemic of forest fires which raged during November came practically to an end on the 4th and 5th of December.

There were no floods, and no violent local windstorms were reported.

FCP

ACKNOWLEDGMENTS

In addition to the climatological data from some 6,000 Weather Bureau and cooperative weather stations, this bulletin series contains records from Hydroclimatic Network Stations which were formerly reproduced in the Hydrologic Bulletin Series. The Hydroclimatic Network is a nationwide net of rain gages--mostly of the recording type which produce continuous records of precipitation. It was established in 1939 at the request of the Corps of Engineers, Department of the Army, to supplement existing precipitation stations in order to provide records of rainfall intensity which were essential to the planning of flood control and related works by the Corps of Engineers. This Network, now numbering about 2,000 recording, and 1,000 non-recording rain gages, has been maintained by the Weather Bureau through working funds transferred annually to the Weather Bureau by the Corps of Engineers. These transfers averaged about \$250,000 per year between 1940 and 1944, and nearly \$375,000 since that date. For the years 1940-42, the Department of Agriculture transferred about \$100,000 per year to provide data required in its work, and since 1947 the Bureau of Reclamation has transferred about \$25,000 per year to meet the increasing needs of their program in the Western States.

Previous to the introduction of this bulletin series, data from Hydroclimatic Network stations were presented in bulletins (Hydrologic Bulletins) which were issued monthly for each of 8 drainage areas embracing the entire United States, but since the Network was established to meet the internal requirements of the Federal agencies referred to above, no provision was made for public dissemination of the data, distribution being limited to cooperating agencies and to certain public repositories. A list of locations where reference copies of the Hydrologic Bulletin Series are available for inspection may be obtained upon application to Chief, U.S. Weather Bureau, Washington 25, D.C.

Many other records published in this bulletin have been made available through the cooperation of various public offices, private agencies, and individuals as listed in the Station Index.

SUPPLEMENTAL DATA

ALABAMA
DECEMBER 1949

Station	Wind direction		Wind speed m. p. h.				Relative humidity averages - percent				Number of days with precipitation							Percent of possible sunshine	Average sky cover sunrise to sunset	Degree days 65° base
	Prevailing	Percent of time prevailing	Average	Fastest mile	Direction of fastest mile	Date of fastest mile	12:30 a CST	6:30 a CST	12:30 p CST	6:30 p CST	Trace	01-09	10-49	50-99	100-199	200 and over	Total			
ANNISTON WB AIRPORT	ENE	19	8.7	-	-	-	83	85	62	76	3	8	5	1	0	0	17	-	6.5	575
BIRMINGHAM WB AIRPORT	N	13	9.3	38	SE	25	79	82	60	71	2	5	9	1	0	0	17	40	6.5	548
MOBILE WB CITY	NNE†	14	11.1	38	NW	22	80†	85†	65†	76†	2	4	3	1	1	1	13	41	6.4	258
MONTGOMERY WB CITY	ENE†	18†	7.5	22	S	22	79†	84†	61†	68†	5	3	4	1	1	0	14	43	6.5	418
† AIRPORT DATA																				

COMPARATIVE DATA

Table 1

Year	Temperature			Precipitation		Year	Temperature			Precipitation		Year	Temperature			Precipitation	
	Average	Highest	Lowest	Average	No. of days .01 or more		Average	Highest	Lowest	Average	No. of days .01 or more		Average	Highest	Lowest	Average	No. of days .01 or more
1884	47.9	80	6	5.09	10	1909	41.3	82	6	5.27	9	1934	46.7	80	10	3.41	9
1885	44.2	74	12	3.36	6	1910	42.9	75	10	3.51	7	1935	41.2	78	7	4.24	6
1886	43.8	76	0	3.07	7	1911	50.5	82	14	7.65	11	1936	50.3	80	18	7.09	11
1887	45.7	73	10	8.65	12	1912	47.7	82	14	6.52	12	1937	47.0	76	4	2.72	8
1888	46.1	71	12	2.84	6	1913	47.9	84	15	3.35	8	1938	47.8	79	11	2.64	8
1889	58.5	82	20	1.04	3	1914	43.5	80	0	5.08	10	1939	49.7	85	15	3.29	7
1890	49.8	80	17	2.33	5	1915	46.8	79	14	6.21	9	1940	52.0	80	18	6.30	12
1891	49.7	86	12	4.91	8	1916	47.7	81	12	4.42	10	1941	50.4	81	19	7.32	8
1892	47.2	78	8	4.55	9	1917	40.4	79	4	1.75	6	1942	49.5	82	15	8.12	11
1893	49.9	86	14	3.26	6	1918	50.6	82	16	5.92	7	1943	47.3	83	9	3.50	8
1894	48.9	81	0	4.67	9	1919	47.6	81	12	7.30	7	1944	46.5	78	12	3.76	9
1895	46.0	86	8	3.79	6	1920	45.4	76	15	7.81	10	1945	42.1	77	6	6.50	12
1896	46.6	83	12	1.67	4	1921	51.5	82	21	3.43	7	1946	52.1	84	20	2.74	6
1897	48.2	82	10	5.76	10	1922	54.5	84	20	7.41	12	1947	49.1	80	17	4.77	9
1898	44.5	78	8	3.57	6	1923	54.7	83	22	5.40	11	1948	51.2	82	12	4.53	
1899	45.3	79	12	5.79	9	1924	48.6	87	11	7.11	10	Period	47.6	82	15	4.01	5.28
1900	47.2	76	20	4.82	8	1925	45.2	81	3	3.61	7						
1901	42.1	78	0	7.81	10	1926	52.0	87	15	5.92	10						
1902	45.7	78	8	5.79	8	1927	47.1	82	10	8.20	10						
1903	41.2	71	11	3.04	6	1928	46.7	78	15	2.16	5						
1904	47.1	83	15	4.33	8	1929	45.6	81	-4	3.72	7						
1905	44.1	75	14	6.57	10	1930	43.8	75	18	2.84	8						
1906	50.7	83	10	4.11	8	1931	55.8	83	25	8.93	14						
1907	46.6	77	12	6.27	10	1932	50.6	80	12	8.86	15						
1908	51.0	84	18	4.77	8	1933	56.6	85	15	3.22	7						

CLIMATOLOGICAL DATA

ALABAMA
DECEMBER 1949

Table 2

Station	Temperature								Precipitation									
	Average	Departure from normal	Highest	Date	Lowest	Date	No. of days		Total	Departure from normal	Greatest day	Date	Snow, Sleet, Hail			No. of days		
							Max 90° or above	Min 32° or below					Total	Max depth on ground	Date	.01 or more	.25 or more	1.00 or more
NORTHERN DIVISION																		
ALBERTVILLE 1 S	44.2M	- 0.1	66	13	20	16	0	17	-	-	-	-				14	5	0
ANNISTON WB AIRPORT	46.6	1.4	72	12	21	16	0	15	2.46	- 2.60	.59	22	T			15	4	0
BIRMINGHAM WB APT	47.4	3.3	70	20	20	16	0	11	3.44	- 1.70	.83	22	T			12	6	0
BIRMINGHAM WB CITY	50.4	4.0	71	20	22	16	0	6	3.82	- 1.32	.95	7				8	7	0
CORDOVA	48.5	3.5	71	12	17	16	0	13	4.17	- 1.40	.78	18						
DECATUR	46.9	1.4	71	12	22	16	0	9	5.01	- .03	1.07	13	T			16	8	1
FAYETTE	45.6	-	74	13	18	16	0	15	4.88	- .09	1.31	18				10	7	1
GADSDEN	43.6	- 0.9	70	13	16	16	0	18	3.61	- 1.89	.60	23				17	7	0
GOODWATER	46.7	0.4	73	13	24	5+	0	14	3.32	- 2.07	.72	15				12	5	0
HALEYVILLE	47.5	-	72	12	19	16	0	10	5.23	-	1.75	13				11	6	1
HUNTSVILLE	45.0	-	68	20	18	16	0	14	4.75	- .66	1.18	22				11	6	1
LINCOLN	48.0	-	72	12	20	16	0	13	-	-	-	-						
MADISON	46.5	3.1	70	12	18	16	0	12	4.82	- .54	1.22	13				9	6	2
MUSCLE SHOALS	45.8	2.8	69	12+	18	16	0	15	3.65	- 1.49	.55	10				11	8	0
ONEONTA	44.2	0.9	67	21	18	16	0	17	3.38	- 2.24	.84	23				9	5	0
ROCK MILLS	47.5	-	73	12+	20	6	0	14	2.71	- 2.64	.90	14				11	4	0
SAINT BERNARD	43.9M	- 0.1	68	21	20	16+	0	19	4.67	- .86	.90	13				14	6	0
SAND MTN STA FRM AP	45.6	-	65	12	19	16	0	10	4.03	-	1.10	10				12	6	1
SCOTTSBORO	46.6	3.1	69	30	22	16+	0	11	4.79	- .68	1.02	22				10	6	1
TALLADEGA	48.4	2.1	72	12+	20	16	0	8	3.32	- 1.98	1.00	7				12	5	1
TUSCALOOSA AIRPORT	48.7	2.3	75	12	22	16+	0	13	4.00	- 1.79	.80	22	T			13	8	0
UNIVERSITY	47.8	1.4	73	11	22	24	0	8	3.28	- 2.51	.65	22				13	7	0
VALLEY HEAD	44.0	1.5	70	13	15	16	0	18	-	-	-	-						
DIVISION	46.5								3.97									
MIDDLE DIVISION																		
ALEXANDER CTY 6 NE	48.4	-	73	12	20	6	0	10	3.35	-	.78	13				14	5	0
AUBURN	48.4M	- 0.7	75	13	25	24	0	9	4.24	- 1.36	1.41	15				12	4	2
CENTREVILLE	51.4M	3.7	79	12	22	24	0	0	4.43	- 1.12	1.50	7				11	4	1
CLANTON	46.8	0.4	71	13	23	24+	0	14	4.84	- .62	.90	14				14	7	0
DAYTON	52.6M	-	75	11+	22	16	0	3	5.03	-	1.31	13				12	8	1
EUFULA	54.3	5.2	78	12+	25	6	0	6	4.14	- .88	1.70	15				6	4	2
GREENSBORO	51.7	3.3	74	12	25	16+	0	5	4.39	- 1.22	1.34	13	T			11	7	1
GREENVILLE	53.8	4.6	78	12	28	16+	0	4	3.91	- 1.28	1.16	14				9	5	2
HIGHLAND BOME	53.0	2.4	77	12	26	24	0	3	3.30	- 1.95	1.00	14				10	3	1
LA FAYETTE	48.8	-	75	12	22	24	0	8	3.68	-	-	-				13		
LIVINGSTON	50.5	4.2	78	12	21	16+	0	10	4.18	- 1.23	.76	22				14	6	0
MAXWELL FIELD	51.3	-	78	12	28	24	0	5	3.73	-	1.40	14	T			9	4	1
MONTGOMERY WB APT	50.6	-	78	12	23	24	0	8	2.83	-	1.17	14	T			11	4	1
MONTGOMERY WB CITY	51.8	2.4	77	12	29	24	0	3	3.41	- 1.43	1.24	14				9	4	1
PRATTVILLE	50.2M	1.8	77	12	25	24	0	6	3.08	- 2.14	.65	15				9	6	0
PUSHMATAHA	50.0M	1.0			22	16	0	11	5.42	- .55	.97	7				11		0
SELMA	52.9	3.7	78	12	26	24	0	7	3.28	- 2.00	1.13	15				14	5	1
THOMASVILLE	53.4	4.0	77	11+	24	16	0	3	5.05	- .05	1.90	7				10	5	2
TROY	52.2	0.6	77	13	27	24	0	4	4.75	- .10	1.85	14				8	5	2
TUSKEGEE	50.1M	0.6	77	13	25	24	0	6	4.01	- 1.12	1.57	15				13	6	1
UNION SPRINGS	52.0M	3.1	76	12	27	24	0	0	4.41	- .56	1.15	14				10	5	2
WETUMPKA	51.2	2.1	76	12	25	24	0	5	3.25	- 2.18	1.20	15				10	5	1
DIVISION	51.2								4.03									
SOUTHERN DIVISION																		
ANDALUSIA	54.9	-	78	13	27	24	0	4	4.10	-	1.74	15				9	4	2
ATMORE STATE FARM	55.9	-	78	11+	28	24	0	4	4.85	-	2.32	14				8	5	2
RAY MINETTE	56.6	3.1	78	11+	26	24	0	3	3.58	- 1.69	1.71	14				10	4	1
BREWTON 3 SSE	54.1	2.5	82	12	22	24	0	10	3.26	- 1.64	1.80	15				6	2	1
CHATAM	52.9	-	78	12	22	16+	0	10	3.62	-	.77	13				12	4	0
CITRONELLE	55.7	2.4	76	11	27	16	0	4	5.07	- .57	1.59	14				9	5	2
DOTHAN CAA AIRPORT	54.8	-	78	12	29	24	0	4	2.85	- 2.00	.99	7				7	3	0
EVERGREEN	53.7M	2.8	79	13	26	25	0	6	3.79	- 1.21	1.50	15				6	3	2
FAIRHOPE	55.0	0.6	78	12	23	24	0	6	4.37	- .62	1.46	14				12	5	2
FORT MORGAN	58.7	-	75	13	35	16	0	0	2.82	-	1.83	14				9	2	1
FRISCO CITY	53.9	-	79	12+	27	24	0	6	4.00	- 1.40	1.51	14				12	3	2
GREYFA	54.0	-	78	12	27	6	0	7	3.80	- .82	1.48	15				8	5	1
LOCKHART	55.0	-	78	13	28	24	0	5	3.11	-	1.43	15				7	4	1
MOBILE WB AIRPORT	56.0	-	76	27	27	16+	0	3	6.02	-	2.02	14				12	4	3
MOBILE WB CITY	57.1	4.9	76	27	30	23+	0	3	4.82	- .20	2.32	14				10	4	2
OZARK	55.6	3.8	78	22	28	24	0	3	3.72	- 1.13	1.46	14				6	4	1
ROBERTSDALE 7 E	57.0	-	78	12	26	24	0	4	3.54	- 1.74	1.14	14				12	3	2
SPRING HILL	55.3M	2.4	75	8+					5.17	- .17	2.05	14				9	6	2
DIVISION	55.3								4.03									
STATE	49.9	2.3							4.01	- 1.27								

DELAYED DATA

OCTOBER 1949																		
HUNTSVILLE	66.1		86	8	38	31			4.07	.75	1.76	30				12	3	1

DAILY PRECIPITATION

ALABAMA
DECEMBER 1949

Table 3

Station		Day of month																															Total
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
ABBEVILLE	R							.58							.09	.91	.70			.36	.03			.04									2.71
ADDISON	R				.07														.20	.76			1.14										
ADDISON CNTRL TOWER					.18			.34								.82									1.05								4.79
ALABAMA STATE FARM				.21				.29								.15	.25	.15			1.10			.82	.25								4.74
ALBERTA					.26			.28	.10						.59	.26	1.02				.11			.20	.52								3.54
ALBERTVILLE 1 S								.58							.09	.22																	
ALEXANDER CITY 6 NE				.06				.52				.73	.09	.22			.37	.55			.15	.03		.32	.21			.03	.06	.02			3.35
ANDALUSIA				.24				.26				.12	.04	.06			1.10	1.74															4.10
ARISTON WB AIRPORT				.04		.09	.33		.26		.02	.39	.01	.03	.38	.28	.06		.04	T		.19	.01										2.46
ARLEY				.20				.25				.75	.65	.13	1.10					.85	.35				.40	.88							5.61
ASHLAND	//R			.02			.02	.45			.02	.19	.10	.06	.94	.84	.21				.32												3.88
ASHVILLE								.57				.47	.25	.26	.37	.17	.16			.88	.07	.03			.60								3.80
ATHENS				.04				.36				.35	.39	.02	1.39	.12				.96	.06				.37								4.64
ATMORE STATE FARM	Z			.29				.12				T		.24	.36	2.32	1.02			T				.28	.22								4.85
AUBURN	R				.17			1.06	.13		.12					.55	1.41				.02	.20			.01	.30			.07	.20			4.24
AUBURN SCS 10				.19				1.15			.11				.22	1.58	.31				.23				.14				.14				4.07
AUTLAVILLE								.21	.43						.62	1.16								.46									2.88
BAYTON				.05	T			.12		.01	.11	1.15	.85	.68	.30				1.68						.12								6.49
BAY MINETTE				.01				.03				.03			.71	1.71	.56			.07				.32	.12					T	.06		3.58
BEATRICE					.15			1.03	1.15						1.06	.19									1.25								4.83
BEAUGRAM	R			.20				.16	.03			.40	.02	.29	.22				.63	.27			.53		.07								2.82
BEAR 2 SE	R											1.07		.22	.26	.01				.86	.26									.02			3.06
BELLINGSLY					.22			.62				T		.17	.48	.85	1.03				.11			.06	.66								4.20
BIRMINGHAM WB APT	Z	T		.11		.24	.48			.04	.48	.06	.23	.23	.20	.02			.11	.37			T					.01	.01				3.44
BIRMINGHAM WB CITY				.11			.95			T	.48	.03	.06	.42	T	.28				.56				.84	.04				.02	.03			3.92
BISHOP			.08		.15			.45			.10	.70	.28	.52	.05					.60				.70					.20	.10			3.93
BOAZ	Z				.06			.48			.53	.75	.28	.47	.02				.54	.08	.02				.85			.03	.02	.02			4.15
BRANTLY									1.03					.04		1.42	1.44																3.26
BRINTON 3 SSE																								.13	.20								4.78
BRIDGEPORT 2 W						.35				.86				1.30						1.13	.03			.97				.06	.06				
BRUNDIDGE					T							T				1.71	1.56	T						.27									4.81
CALERA				.17				.53	.51			.09			.24	.54	.21	.49							.62				.10				3.20
CAMPBELL	R			.18				.96			.04	.20		.73	1.03	.89	.05			.43				.56						.03		.03	5.17
CARRON HILL				.20		.10		.58		.03	.53	.40		.78	.20					1.10				.52	.50				.20	.12	.10		5.38
CENTER GROVE				.42				.53			.32	.15	.43	1.06	.62					.39	.44	.20			.63	.51	T		.17	.19			6.08
CENTREVILLE				.17				1.50				.06	.05	.20	.82	.22	.60				.18	.02			.81								4.43
CHATON				.16				.24			.20	.04	.18	.77	.76	.55			.03				.12		.53	.05			T				3.62
CHILDERSBURG				.05				.35			.15	.05	.12	.26	.17	.43								.04	.49								5.07
CITRONVILLE				.02				.13				.58	1.35	1.59	.49									.71	.04								4.84
CLANTON				.38				.88	.03		T	.04	.25	.39	.90	.82					.17	.03	.02		.06	.78							
CLAYTON									.69							2.04	1.51																5.27
COFFEE SPRINGS								1.70				T				.40	1.10																3.60
COLLINSVILLE								.65			.51	.51	.28	.31		.40	1.10																3.89
COLUMBIA									.50							.25	1.55	.11											.08	.05			2.69
CORDOVA				.29				.75				.48	.23		.68						.78				.48	.48							4.17
CURA				.16				.23				.34	.47		.41	.02	.73				.83				.15	.54					.26		4.14
DADEVILLE				.11				1.67	.10			.07	T	.02		.95	.81				.06	.04				.43							4.54
DADYVILLE NO 2	R			.10												.76	.70	.22						.50					.16				
DANCY				.33				.37					.78	.02	.30					.29													
DANVILLE				.07	.14						.41	.49			1.32	T								.86	.39								4.58
DAYTON				.12				.33			.11			.33	1.31	.46	.51							.71									5.03
DECATUR				.11	.10			.33			.64	.25	.01	1.07	.21									.36	.64								5.01
DECATUR NO 4				.03	.25			.38			.25	.54		1.02	.21									.56	.56					.06			4.97
DECATUR SUBSTATION				.16	.12			.24			.29	.31	.01	.84	.16									.70	.32					.01	.03		4.18
DEMOPOLIS				.15				.33			.08	.20	.14	1.40	.24	.68								.39	.32					.05			4.69
DOTHAN CAA AIRPORT	Z				T			.99							.02	.83	.79							.08	.01			T	T				

ALABAMA
DECEMBER 1949

Table 3-Continued

Station	Day of month																																		
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	F			
MARTIN DAM					.31		.45	.49		.08	.02	.01		.30	1.00		T	T	.03	.04	T		.31										3.07		
MAXWELL FIELD				.18		.34			.02	T	T	.83	1.40	.20				.04				T	.62			.10	T						3.73		
MELVIN					.21		1.28	.04	.03	.04	.41		.91	1.18	.73								.20						.30				5.21		
MRTZ 3 E						1.35			.05	.05		.25	.60	1.16	.58				.35	.15			.53										4.07		
MIDWAY	R			.09		.40			.04			1.30	1.46	.59				.40				.26				.02							4.56		
MILLES FERRY					.18		.65				T	.35	1.32	.46	.92	T						.42	.58				T	.47					4.88		
MILSTRAD				.23	.23	.42	.10		.06	T		.12	.08	.52	1.48				.11		T	.17							.10				3.89		
MITCHELL DAM					.25	.15			.05	.03				.17	.86				.13			.01	.57										4.87		
MOBILE WB AIRPORT				T		.01			T			.97	1.39	2.02	.06			.06	.13		T	1.06			.08	.02		.19		.03			6.02		
MOBILE WB CITY	Z			T		.09			.01			.22	1.02	2.32	.06		T	.12			T	.43			.03		.52						4.82		
MONTE SANO				*	.18		.38		T	.20	1.05		1.40	.18				.65	.35			.37	.99						.10				5.80		
MONTEVALLO						.20			.25					1.10	.10			.25	.10			.58											2.58		
MONTGOMERY WB APT				.14		.22			.01	.03	T	T	.47	1.17	.26			.01	T	T		.49			.01	.02	T						2.83		
MONTGOMERY WB CITY	Z			.21		.39			T	.03	T		.80	1.24	.22			.01	T			.46						T	.05	T			3.41		
MOULTON	R			.31		.06	.04		.30	.26	.04	1.30	.22	.02			.37	.42	.02			.92	.03										4.31		
MUSCLE SHOALS																																			
NEW BROCKTON	R	T		.28		.46	.06			.55	.04	.52	.34	1.24	.47		.54	.32	T			.47				T	.07						3.65		
NEWBURG				.08			1.41					.91	.14	.19				.50				.20											4.31		
NEW MARKET				.26														.70								*	*	.05					2.85		
NEWTON					.15	.25			.03	.73	.04	1.74	.13					.																	

DELAYED DATA

JUNE 1949																																			
TALLADEGA HBN MT TR				T										T		*	*	*	2.43	.18			.07	32	.38		.22	.17		.04	.02	.54			4.37
JULY 1949																																			
LOCK NO 1				.04	.60	.77	.18									.03	1.28	2.27	.90	.30	1.82	.79	1.19			.43	.39	.04		.21		.90			12.14
AUGUST 1949																																			
BOAZ			T	.03				T											.05		1.28		.02	.02									.05	1.45	
MIDWAY												.11						.04	.75	.09		.05	.31									.53	2.80		
SEALE 7 WNW		.60	.40				.90	.60				3.40		.50						.70						.20						.90		8.20	
SEPTEMBER 1949																																			
BOAZ						.23	.93	2.08	1.28									.10		.08									.15		.47			5.32	
BARRISBURG 6 SE																			.98		.98		.52	.58									2.08		
WERTZ 3 E											.50						.75	.35					1.00	.60									3.20		
MITCHELL DAM							.95																.43		.03									1.41	
OCTOBER 1949																																			
HUNTSVILLE			T	T	.16	.04	.12	*								*	.10	.68	.10	.18	T				T		.21	*		.23	.04	1.76	.45	4.07	
SEALE 7 WNW			*	.40												*	1.01			.50									*	*	1.20	3.11			
NOVEMBER 1949																																			
MITCHELL DAM		.33																								.52								0.88	

See reference notes following Station Index.

Table 4

HOURLY PRECIPITATION

ALABAMA
DECEMBER 1949

Station	A. M. Hour ending												P. M. Hour ending												Total
	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	
	-1st-																								
BERRY	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
GREENVILLE NO 2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	-3d-																								
DOTHAN CAA AIRPORT	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	-4th-																								
ADDISON							.02	.01	.01	.01	.02														.07
ANNISTON WB AIRPORT	6						*	*	*	*	*														
ASHLAND	//												.04	.01	.01										.02
ATMORE STATE FARM													.14	.05		.01									.20
AUBURN SCS 10							.02	.08	.01	.09	*	*	.04	.15											.19
BELGREEN		*	*	*	*					*	*	*													.20
BEXAR 2 SE										*	*	*													*
BIRMINGHAM WB APT		*	*	*	*	*	*	*		.04	.05	.02	*												.11
BOAZ		*	*	*	*	*	*	*		*	*	*	*												*
CAMPBELL							.01	.01		.01		.01	.13	.01											.18
DADEVILLE NO 2													.02	.06	.01	.01									.10
EUTAW LOCK NO 7								.01	.07	.09	.04	.01			*	*	*								.22
EVERGREEN CAA APT	6												.01	*	*	*	*	*	.03						
FLAT ROCK										.03	.02	.01													.06
FORT MORGAN	//																.08								.06
FORT PAYNE								.01	.02	.02	.02	.01													.13
GARDEN CITY								.09	.03	.01															.10
GUNTERSVILLE REC								.05	.02	.03															.10
HALEYVILLE						.01	.11	.05	.01	*	*	*	.16				.01								.19
HUNTSVILLE	6						*	*	*	*	*	*	.01												
LAY DAM										.01	.03	.13	.04					.01							.22
LOCK NO 1	//																.02	.01							.03
MAGNOLIA						*	*	*	*				*	*	*	*	*	*							.26
MARION 1 SSE										.10	.14	.02													.09
MIDWAY														.02	.07										*
MONTGOMERY WB APT	6						*	*	*	*	*	*	.04	*	*	*	*	*	.10						.21
MONTGOMERY WB CITY													.02	.12	.07										.31
MOULTON							.05	.24	.02	*	*	*	.20												
MUSCLE SHOALS	6	*	*	*	*	*	.08	*	*	*	*	*													
NEW BROCKTON														.07	.01										.08
PAINT ROCK										.02	.05	.03	.02				.08	.02							.12
PETERMAN			.02		.05								.02						.01						.19
PLEASANT HILL																									.01
THORSBY 1 SW												.12	.15												.27
TONEY											.06														.06
TRAFFORD		.01							.04	.06	.01			.01											.13
TROY																.03	.05	.01							.09
TUSCALOOSA AIRPORT	6						*	*	*	*	*	*	.24												.23
UNIVERSITY								.05	.07	.10	.01														.39
VERNON						.11	.17	.07	.03	.01															
	-6th-																								
ANNISTON WB AIRPORT	6																		*	*	*	*	*	*	
ASHLAND	//																					.01	.01	.02	
BELGREEN																			.06	.01		.08	.01	.16	
BEXAR 2 SE													*	*	*	*	*	*	*	*	*	*	*	*	*
BIRMINGHAM WB APT													*	*	*	*	*	*	*	*	.01	.05	.10	.08	.24
BOAZ													*	*	*	*	*	*	*	*	*	*	*	*	*
EUTAW LOCK NO 7																			*	*	*	.02	.01	.03	
FLAT ROCK																					.03	.03	.06	.06	
FORT PAYNE																					.01	.01	.02	.02	
GARDEN CITY																					.01	.02	.04	.03	
GUNTERSVILLE REC																					.01	.01	.01	.01	
HALEYVILLE																	.01		.01	.07	.04	.01	.02	.16	
HUNTSVILLE	6																		*	*	*	.02	.04	.01	
JACKSONVILLE																									.07
LAY DAM																			*	*	*	*	*	*	.05
MARION 1 SSE																			*	*	*	*	*	*	*
MOULTON																									.06
MUSCLE SHOALS	6																		*	*	*	*	*	*	.06
PAINT ROCK																			.11	.04					.31
THORSBY 1 SW																									.04
TONEY																			.07	.03					.19
TRAFFORD																				.01	.01	.01	.05	.07	.07
TUSCALOOSA AIRPORT	6																		*	*	*	*	*	*	.11
UNIVERSITY																					.01	.03	.07	.04	.04
VERNON																									
	-7th-																								
ABBEVILLE												.03	.09	.35	.08	.03									.58
ANNISTON WB AIRPORT	6	.10	*	*	*	*	*	.28	*	*	*	*	.04												.45
ASHLAND	//	.09	.21	.08	.01	.01	.02	.03																	.08
ATMORE STATE FARM															.04	.03	.01								.15
AUBURN SCS 10						.14	.34	.57		.04		.06													.03
BELGREEN			.03																						*
BEXAR 2 SE		*	*	*	*	*	*	*	*	*	*	*													.48
BIRMINGHAM WB APT		.33	*	*	.02	.05	.03	.04	*	.01	*	*	*												.55
BOAZ																									.96
CAMPBELL		.02		.01		.12	.26	.26	.20	.04	.04	.01													
DADEVILLE NO 2		.02	.01	.08	.09	.62	.47	.03	.18	.11	.09														
EUTAW LOCK NO 7		.01	.06	.06	.03	.03	.03	.03	.02																.27
EVERGREEN CAA APT	6								*	*	*	*	.39												.30
FLAT ROCK		.16	.05	.07	.02																				.24
FORT PAYNE		.01	.14	.05	.01																				.42
GARDEN CITY		.01	.18	.08	.10	.04	.01																		.12
GUNTERSVILLE REC		.09	.02	.01																					.06
HALEYVILLE		.01	.01	.03	.01																				
HUNTSVILLE	6	.27	*	*	*	*	*	.08																	

ALABAMA
DECEMBER 1949

Table 4-Continued

Station	A. M. Hour ending									P. M. Hour ending												Total			
	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10		11	12	
PLEASANT HILL											.02	.12	.06												1.20
RIVER FALLS 2 NE											.12	.11	.01												1.33
THORSBY 1 SW																									.92
TONEY		.14	.03	.05	.39	.19	.02																		.02
TRAFFORD		.02	*	*	*	.55	.08																		.02
TROY								.04	.01	.01	.01														.06
TUSCALOOSA AIRPORT	6	.13	.01	*	*	*		.35	*	*	.18	.08	.06	.01											.46
UNIVERSITY		.13	.01	*	*	.96																			.20
VERNON		.14	.22	.1	.1	.02	.03																		.36
											-8th-														
GREENVILLE NO 2																									
MOBILE WB AIRPORT	6	.01																							
											-9th-														
ANNISTON WB AIRPORT	6																								
ASHLAND	//																	.01	.03		.01	.01			.02
BIRMINGHAM WB APT																									.04
CAMPBELL																									.01
GARDEN CITY																									.01
JACKSONVILLE																									.01
MONTGOMERY WB APT	6																								.30
MOULTON																									
UNIVERSITY																		.01			.01				.02
											-10th-														
ADDISON					.30	.19	.07	.01		.09	.07	.01	.01												
ANNISTON WB AIRPORT	6	.02	*	*	*	.25	*	*	.09	.07	.01	.01													.19
ASHLAND	//	.02	.01		.01	.04	.04		.02	.01	*	*													.11
AUBURN SCS 10					.04			.07						.01	.02										.40
BELGREEN			.01		.05					.04	*	*	*		.06	.04	.02	.01	*	.09	.03	*	*	*	1.07
BEXAR 2 SE																									.28
BIRMINGHAM WB APT					.13	.05	.39	.01		.01	*	*	*			.02</									

See reference notes following Station Index.

HOURLY PRECIPITATION

ALABAMA
DECEMBER 1949

Table 4-Continued

A. M. Hour ending													P. M. Hour ending												
	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	
MOULTON																									
MUSCLE SHOALS	.01						.11	*	*	*	*	*	.10	*	.11	*	*	*	.04	.04	.32	.50	.20	.09	
DAIRY CREEK							.05		.05		.08		.12	.10	.19				.04		.11	.01	.02	.26	
DECATUR	.01		.02																						
DECATUR HILL			.03																						
THOMAS 1 SE	.03	.02	.01																						
TONY																									
INADVERT				.02	.02		.02	.04	.01		.01		.02				.10		.10	.04	.15				
TUSCALOOSA AIRPORT				.02	.02		.02	.04	.01								.10		.10	.04	.15				
UNIVERSITY	.01				.01	.04	.07	.04	.03			.06	.15	.01							.03				
VERNON															.02				.01		.31	.28			
-13th-																									
ABBEVILLE																									
ADDISON	.05			.02	.02	.01	.01		.07	*	*	*	.27	*	*	*	*	.04							
ANNISTON WB AIRPORT						.12	.27	.13	.11	.01	.01	.14	.01	.01	.02	.01	.01	.05			.19	.05	.07	.03	
ASHLAND																									
ATMORE STATE FARM																									
AUBURN SCS 10																									
BELLEVILLE	.02	.18	.01			.01	.01					.07	.03					.06			.01	.04			
BEAR 2 SE	.03	.02	.03	.01	.01																.01				
BIRMINGHAM WB APT	.12	.04	.02	.02				.01						.02							.06	.02	.04	.01	
BOW	.03	.03	.03	.04	.16	.01																			
CAMPBELL		.01	.02		.07	.45	.20	.20	.04	.01															
DANVILLE NO 2									.11	.43	.09	.03	.01	.04	.01	.01		.01	.02						
JOSEPH 2 SE	.02	.04	.04	.02	.01	.01	.05	.01	.02	.01		.02		.01				.01	.04	.04	.05	.11			
EVANS 2 SE	.01			.06	.16	.03	.15																		
FLAC ROCK	.02	.02	.18	.40	.05	.02		.02	.01		*	*	.03	*	*	*	*	.61	*	*	*	*	*	*	
FORT MOGAN	.03	.04	.02	.02	.11				.01																
GADSDEN CITY	.05	.06	.01	.08	.02																				
GREENVILLE NO 2										.09	.01	.02		.06	.01	.01		.09	.02		.05	.09	.02	.10	
GUNTERVILLE REC	.11	.01	.03	.02																					
HALEYVILLE	.01	.01	.01	.01	.03																.02	.03	.03	.05	
HUNTSVILLE	.02																								
JACKSONVILLE				.06	.04	.01	.01	.03		.13	.02	*	*	.09	.21	.01		.01							
LAY BOW		.01	.05	.04	.18	.41	.33	.02	.07	.01	.01		.01		.01										
LOCK NE 4		.02	.05	.04	.08	.05	.09	.02										.01	.01	.06					
MAGNOLIA	.01	.08	.02	.03	.03	.17	.20	.06	.05	.02								.01	.01	.06					
MARION 1 SE	.02			.11	.37	.22	.39	.15	.09	.01	.01	.01		.04											
MIDWAY																.03	.05	.55	.24	.03	.08	.12			
MOBILE WB AIRPORT							.07	*	*	*	*	*	.44	*	*	*	*	.37							
MOBILE WB CITY									.17	.14	.06	.01	.01	.03	.08	.07	.02	.01	.12	.09					
MONTGOMERY AIRPORT									*	*	*	.27	*	*	*	*	.02								
MONTGOMERY WB CITY						.05	.01	.01	.28	.23	.03		.05								.01	.13			
MONTGOMERY WB CITY																					.05	.02			
MUSCLE SHOALS	.01					.30																			
NEW BRUNSWICK																	.01	.03	.03		.06	.05			
PAINT ROCK	.01	.19	.14	.02																					
PETTERMAN		.02	.02	.01	.02	.01		.01	.01	.03	.05	.02	.01	.01			.01	.12	.05	.04	.03				
PLEASANT HILL											.05	.36	.05	.08	.01		.01				.01	.02			
RIVER ROAD NO 2	.01	.01	.07	.03	.02	.18	.55	.40	.12	.04	.08										.01				
TUGAHEY	.01	.07	.01	.02	.01																				
TONY	.01	.01	.02	.01					.01	.01											.10	.01			
TRAVERSA																									
TROY							.23	*	*	*	*	*	.03				.47	.29	.08	.02	.09	.23			
TUSCALOOSA AIRPORT	.01					.12	.02	.01	*	*	*	*	.03												
UNIVERSITY																									
VERNON																					.01				
-14th-																									
ABBEVILLE		.11			.04	.03	.02	.01	.01	.01		.01	.10			.04		.01	.05	.01	.05	.05	.09	.11	
ANNISTON WB AIRPORT														*	*	*	*	.07							
ASHLAND																.03	.10	.06	.03	.03	.04	.07	.08	.54	
ATMORE STATE FARM	.01		.01	.05	.15	.10	.04	.05	.11	.14	.12	.08	.02	.08	.11	.14	.08		.02	.13	.06	.08	1.64		
AUBURN SCS 10				.04	.04	.03	.05	.07	.04	.04	.10	.06	.04	.08	.07	.10	.10	.08		.07	.07	.10	.10	1.58	
BEAR 2 SE																			.02	.03	.04	.04	.01	.02	
BIRMINGHAM WB APT																									
BOW						.01	.04	.09	.02	.01	.07	.05	.05	.05	.01	.05	.02	.06		.11	.09	.03	.03	.89	
CAMPBELL							.01	.04	.03				.01	.01	.03	.08	.08	.05	.04		.04	.08	.09	.70	
DANVILLE NO 2		.15	.01	.08	.05				.01				.01	.01	.03	.08	.08	.05	.04		.04	.08	.09	.74	
JOSEPH 2 SE																									
EVANS 2 SE							.26	*	*	*	*	*	.42	*	*	*	*	.37			.05	.04			
FLAC ROCK							.03																		
FORT MOGAN							.37	.33	.04								.05	.29	.03	.02	.08	.24			
GADSDEN CITY	.03	.07	.03	.01																					
GREENVILLE NO 2																									
GUNTERVILLE REC	.16																								
HALEYVILLE	.01																								
HUNTSVILLE	.07					.05																			
JACKSONVILLE																	.01	.02	.01		.04	.02			
LAY BOW																	.06	.06	.05	.05	.03				
LOCK NE 4		.03	.08		.02	.07	.03	.02	.04	.07	.06		.01	.13	.03	.04		.01		.03	.07				
MAGNOLIA					.01	.10			.01	.01	.03	.06	.04	.06	.06	.02	.04	.01	.06		.12	.11			
MARION 1 SE																									

ALABAMA
DECEMBER 1944

Table 4-Continued

[illegible]

ALABAMA
DECEMBER 1949

Station		A. M. Hour ending												P. M. Hour ending												T. ave.
		1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	
EVERGREEN CAA APT	6		*	*	*	*	*	.04	*	*	*	*	.11	*	*	*	*	*	.14	*	*	*	*	*	*	.86
FLAT ROCK	//				.14	.02				.08	.09	.11	.10	.11	.01	.10	.06	.12	.07	.03		.01			.21	
FORT MORGAN												.05	.11	.14	.02	.10	.03	.07	.03	.02	.03				.71	
GARDES CITY				.01	.01	.01			.14	.11	.07	.17	.20	.01	.03	.04	.07	.01							.88	
GREENVILLE NO 2											.05	.11	.14	.02	.10	.03	.07	.03	.02	.03					.46	
GUNTERSVILLE REC					.17	.02	.10	.30	.08		.05	.17	.09					.01	.10	.08		.01			.98	
HALEYVILLE			.02	.08	.09	.14	.12	.15	.12	.04	.06			.05	.03										.90	
HUMESVILLE	6		*	*	*	*	*	.03	*	*	*	*	.85	*	*	*	*	.30								
JACKSONVILLE							.04	.07	.04	.01	.06	.01	.04	.07	.24	.10	.05	.14	.04	.04	.05	.03			.89	
LAY DAM												.02	.02	.06	.17	.06	.11	.04	.02	.04	.02	.02			.62	
LOCK NO 1	//		.06	.17	.01	.01			.04	.02	.01	.01	.02	.08	.03	.10	.03	.01	.03	.01					.74	
MAGNOLIA			.11	.02	.07	.01			.01	.02	.01	.01	.04	.09	.01	.08	.04	.01	.01	.01					.35	
MARION 1 SSE		*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*		.74	
MIDWAY												.04	.01	.03	.02	.01		.04	.01	.02	.02	.05	.01	.26		
MOBILE WB AIRPORT	6		*	*	*	*		.30	*	*	*	*	.46	*	*	*	.07	.03	.04	.08	.02	.01	*	*	.43	
MOBILE WB CITY					.04	.06			*	*	*	.08	*	*	*	*							*	*		
MONTGOMERY WB APT	6											.03	.02	.01	.04	.02	.03	.04	.06	.11	.01	.06	.03	.46		
MONTGOMERY WB CITY												.12	.02	.03	.08										.92	
MOULTON			.02	.01	.20	.06	.14	.19	.06	.12	.02	.03	.04	.02	.03	.04	.06	.11	.01	.06	.03					
MUSCLE SHOALS	6		*	*	*	*	*	.32	*	*	*	*	.15				.13	.01	.01	.01	.03			.01	.20	
NEW BROCKTON																										
PAINT ROCK								.13	.20	.09	.03	.22	.03	.03	.05	.10	.02								.90	
PETERMAN								.01	.01				.01	.09	.04	.03	.04	.02	.12	.04	.01	.01			.43	
PLEASANT HILL								.04			.01	.01	.02		.04	.05	.06	.05	.02	.07	.08	.01			.46	
RIVER FALLS 2 NE												.14	.01	.01	.01	.01	.01	.01	.01	.01	.01	.02	.02	.01	.28	
THURSDAY 1 SW																										

AUGUST 1949					-9th-			
MIDWAY							.10	.11
					-14th-			
MIDWAY						.02	.02	.04

HOURLY PRECIPITATION

Table 4-Continued

ALABAMA
DECEMBER 1948

Station	A. M. Hour ending												P. M. Hour ending												Total
	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	
MIDWAY	.01			.01	.12																				.75
MIDWAY										.03		.06													.09
MIDWAY																									.05
MIDWAY																									.31
MIDWAY																									.53

CORRECTIONS

ANNUAL SUMMARY, 1948

Table 2:

Guntersville

Total annual precipitation should have been 61.03; Departure from normal 8.69.

MONTH: JANUARY, 1949

Table 3:

Harriessburg 6 MI SE

Record shown should be deleted from this bulletin, and inserted in the December, 1948 bulletin.

MONTH: JULY, 1949 and AUGUST, 1949

Table 4:

Birmingham WB APT

Station listed incorrectly as Birmingham WB City.

DAILY TEMPERATURES

ALABAMA
DECEMBER 1949

Table S

Station		Day of month																															Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
ALBERTVILLE 1 S	MAX MIN	62 30	60 25	59 24	59 24	50 26	54 26	61 30	62 32	50 32	46 30	55 30	63 34	66 34	49 30	43 30	45 30	28 29	51 38	51 38	55 38	64 37	60 28	59 28	38 28	56 40	50 46	53 44	53 44	61 29	62 27	54.9 33.4	
ALEXANDER CTY 6 NE	MAX MIN	65 25	61 34	63 22	54 39	60 24	60 20	60 43	58 40	50 38	65 45	65 42	73 53	69 43	54 37	48 22	50 32	46 32	62 41	64 43	70 30	63 45	62 48	53 32	54 22	54 37	65 45	65 52	66 43	66 44	60 34	59.3 37.5	
ANDALUSIA	MAX MIN	66 35	67 38	69 38	65 43	64 36	59 30	67 44	70 47	64 43	63 47	64 51	74 63	78 63	48 43	45 29	53 36	64 54	71 54	73 54	74 52	73 56	73 31	46 27	56 34	62 44	62 54	74 52	70 47	72 46	70 47	65.7 44.0	
ANNISTON WB AIRPORT	MAX MIN	65 24	57 28	62 25	56 32	62 22	60 32	60 31	52 38	48 36	66 43	66 44	72 64	65 43	47 38	51 30	47 21	62 32	60 46	71 43	64 37	64 44	52 34	52 28	57 23	54 35	62 44	65 50	65 41	66 32	58.0 35.1		
ATHORE STATE FARM	MAX MIN	70 34	69 36	68 35	63 43	60 37	70 31	74 57	68 47	64 49	64 54	78 62	78 67	73 54	55 42	45 29	55 34	75 50	76 51	72 45	75 45	74 49	55 29	59 39	72 52	75 55	75 53	71 42	70 43	70 35	66.8 44.9		
AUBURN	MAX MIN	62 30	66 36	61 38	61 43	64 28	51 26	61 30	57 35	57 33	50 37	54 38	70 59	75 63	46 37	42 26	51 28	55 34	61 48	70 38	71 40	68 49	68 30	44 25	54 20	54 40	55 41	62 43	68 37	66 35	59.8 36.9		
BAY MINETTE	MAX MIN	70 38	69 39	69 40	62 45	70 37	72 35	69 55	65 49	65 45	75 55	78 65	71 67	54 53	45 41	56 28	54 36	76 46	76 45	72 59	75 48	78 49	49 26	57 26	61 37	69 47	77 55	71 53	72 49	72 47	67.9 45.2		
BIRMINGHAM WB APT	MAX MIN	65 28	60 29	65 29	52 31	57 25	62 36	65 34	51 39	49 41	53 40	67 46	67 36	42 28	44 30	52 33	49 35	59 44	57 35	70 35	66 50	63 42	52 25	52 28	57 39	60 52	65 55	65 48	68 38	65 36	58.4 36.4		
BIRMINGHAM WB CITY	MAX MIN	67 35	59 25	67 32	59 46	61 37	64 51	67 37	55 31	50 37	42 37	68 50	69 64	49 37	45 33	53 32	49 32	59 42	63 43	71 51	68 44	65 40	45 30	55 23	58 38	57 49	60 52	68 43	69 41	64 45	60.5 40.2		
BREWTON 3 SSE	MAX MIN	68 26	70 28	71 24	66 30	70 30	74 24	73 45	74 46	70 39	65 53	77 58	82 67	77 52	40 38	42 26	54 29	75 51	76 54	68 45	75 49	76 50	56 30	56 22	60 30	67 52	74 50	73 41	71 58	71 39	67.8 40.3		
CENTREVILLE	MAX MIN	68 31	65 34	65 28	58 50	65 30	60 28	60 40	55 42	54 47	65 48	78 65	78 50	52 42	50 38	46 25	48 38	64 44	72 48	70 38	66 52	55 48	55 33	55 22	67 38	66 50	67 54	68 44	68 38	68 32	62.5 40.2		
CHATOM	MAX MIN	70 26	66 32	70 24	62 39	62 31	71 27	73 51	63 41	61 43	63 51	77 62	78 67	77 50	51 39	46 22	57 28	65 34	75 39	74 61	67 47	67 27	55 22	59 27	71 50	76 49	70 48	72 49	71 33	71 37	66.1 39.7		
CITRONELLE	MAX MIN	68 42	67 45	68 40	65 31	62 36	62 51	69 58	73 41	65 44	63 53	76 68	75 51	45 40	54 38	52 27	62 37	69 51	74 49	73 61	68 47	48 29	54 28	60 39	69 52	74 56	70 51	71 48	71 47	71 50	65.6 45.8		
CLANTON	MAX MIN	62 29	62 29	60 26	62 28	49 26	56 28	60 29	61 38	53 38	50 40	55 43	68 52	71 61	63 41	42 36	48 25	51 35	62 39	60 35	69 35	66 43	62 31	52 23	58 23	55 23	66 41	65 48	64 37	65 31	58.5 35.1		
CORDOVA	MAX MIN	70 21	60 34	67 32	62 28	59 24	64 22	67 52	64 32	50 37	70 50	71 46	51 35	46 16	56 31	46 17	46 35	49 35	60 43	70 36	66 43	58 31	55 30	58 30	60 50	62 52	65 52	67 36	69 24	68 29	61.7 35.2		
DAYTON	MAX MIN	65 33	60 40	65 35	59 45	55 31	65 34	67 55	64 36	54 42	55 46	75 61	75 61	49 39	48 36	52 22	50 35	63 43	67 39	72 51	70 43	60 23	62 39	70 54	74 44	65 45	68 43	68 40	68 48	65 48	63.7 41.5		
DECATUR	MAX MIN	62 31	55 35	53 28	51 41	55 28	62 33	62 49	49 33	53 40	46 48	60 40	60 34	42 30	47 22	46 32	55 43	57 40	69 41	67 49	62 36	39 25	49 36	56 30	60 25	60 36	62 47	65 49	65 33	65 31	56.5 37.3		
DOTHAN CAA AIRPORT	MAX MIN	66 36	67 38	65 33	68 44	60 34	64 30	71 50	64 46	60 40	77 47	78 53	77 56	46 37	52 32	55 35	72 49	69 74	75 53	77 47	48 31	54 29	58 26	55 20	66 40	67 50	71 54	73 46	70 44	68 46	65.6 43.9		
EUFULA	MAX MIN	65 31	69 32	69 26	65 38	64 36	67 25	63 44	66 40	65 40	74 52	78 59	78 54	69 48	55 39	55 34	69 52	75 49	74 52	77 49	66 52	58 28	55 23	66 47	66 47	75 55	75 48	72 45	72 48	73 43	67.2 41.4		
EVERGREEN	MAX MIN	67 31	68 34	70 35	69 32	61 27	69 34	69 44	69 44	61 44	78 54	79 65	69 45	47 29	45 23	56 41	69 45	76 45	75 45	73 47	47 29	56 28	67 30	72 55	73 55	76 46	72 46	73 46	72 46	72 46	67.0 40.3		
FAIRHOPE	MAX MIN	69 32	68 35	67 39	67 44	60 32	73 33	77 54	67 47	71 42	77 53	78 63	73 44	46 36	57 32	65 25	72 33	74 43	76 43	56 43	77 43	48 26	58 23	61 33	70 48	72 53	72 48	73 46	73 46	70 45	67.8 42.1		
FAYETTE	MAX MIN	64 25	65 34	65 22	57 22	52 22	64 26	66 32	51 36	52 39	70 38	74 45	74 35	52 30	41 18	48 16	51 35	58 37	60 34	70 41	59 44	42 19	52 26	51 19	56 30	63 50	63 48	64 35	67 27	68 32	59.1 32.1		
FORT MORGAN	MAX MIN	65 51	64 50	66 52	73 48	60 45	74 63	67 58	66 55	71 65	74 65	73 60	75 49	51 38	57 35	65 44	66 58	70 50	69 53	71 62	72 52	52 36	58 48	57 53	63 53	67 54	64 53	66 53	67 53	67 53	65.9 51.5		
FRISCO CITY	MAX MIN	68 37	70 38	67 36	68 44	59 33	61 40	68 44	62 43	61 44	64 51	68 60	79 55	44 43	56 39	54 28	55 30	72 46	74 39	74 47	75 54	74 29	50 27	65 32	65 44	70 52	71 51	70 47	71 46	70 49	65.4 42.4		
GADSDEN	MAX MIN	61 24	61 30	55 25	58 22	49 22	57 21	60 21	64 31	52 36	60 36	62 48	62 50	51 46	46 32	18 16	23 23	32 34	50 38	55 62	50 62	41 32	50 48	59 32	52 41	59 45	60 45	62 41	62 27	65 25	55.8 31.4		
GENEVA	MAX MIN	67 30	67 31	68 38	64 35	71 34	61 30	63 37	74 50	65 40	64 51	67 51	79 56	77 44	55 38	44 34	53 40	59 49	71 54	70 42	75 54	77 42	76 32	48 28	56 44	58 55	58 44	71 38	70 48	70 48	66.0 42.0		
GOODWATER	MAX MIN	62 31	67 32	59 32	59 36	49 24	58 25	62 27	59 38	55 37	45 37	64 38	51 50	63 41	48 37	50 24	55 28	63 34	67 37	71 35	67 49	62 31	42 26	52 28	54 40	53 45	65 43	67 31	65 31	58.3 35.0			
GREENSBORO	MAX MIN	67 34	62 38	66 32	56 49	62 29	65 33	70 54	63 37	52 41	72 57	70 52	51 48	40 38	34 25	50 36	63 49	63 56	73 41	65 53	47 30	56 25	58 36	65 49	65 51	67 54	69 47	71 44	71 40	68 38	62.6 40.8		
GREENVILLE	MAX MIN	66 40	65 42	60 37	60 35	66 31																											

DAILY TEMPERATURES

Table 5-Continued

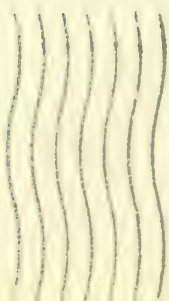
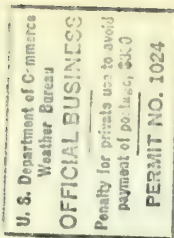
ALABAMA
DECEMBER 1941

Station		Day of month																															Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
MOBILE WB CITY	MAX MIN	67 41	68 42	67 44	69 50	61 42	69 38	74 62	64 52	65 48	70 60	74 68	75 68	70 51	52 41	46 37	56 32	62 39	75 52	72 48	73 46	70 59	70 38	47 30	56 30	59 46	69 54	76 57	69 54	71 50	71 51	71 53	66.4 47.1
MONTGOMERY WB APT	MAX MIN	67 31	65 35	65 26	60 40	52 29	60 26	65 46	62 39	59 43	52 44	74 48	68 64	68 49	49 42	38 27	48 32	70 48	58 40	74 46	71 40	68 38	46 31	55 23	58 37	57 48	63 54	70 49	68 54	69 41	69 36	65 42	61.4 39.3
MONTGOMERY WB CITY	MAX MIN	66 40	64 43	64 37	52 42	59 35	64 34	61 50	58 42	54 44	74 50	77 65	69 49	66 42	49 36	52 30	48 36	52 36	69 48	57 44	73 40	71 48	47 38	45 32	55 29	57 40	63 49	68 54	68 50	68 44	63 41	60.1 42.6	
MUSCLE SHOALS	MAX MIN	64 30	50 32	65 28	55 36	56 27	60 31	64 39	45 31	49 35	56 43	68 55	69 46	46 35	41 25	48 18	46 30	59 41	60 38	69 42	68 53	64 31	40 26	50 20	54 32	56 49	56 42	60 37	65 31	65 29	59 42	56.4 35.1	
ONEONTA	MAX MIN	61 25	66 26	55 22	66 21	54 22	58 23	65 32	66 33	50 37	43 33	53 39	64 53	66 43	48 36	41 31	51 18	55 19	58 38	58 37	67 50	64 30	42 20	48 22	51 40	58 46	60 36	61 40	64 32	65 35	56.8 31.5		
OZARK	MAX MIN	67 38	67 43	67 35	69 44	62 36	66 41	75 48	64 45	64 41	60 52	75 57	77 74	72 57	50 48	53 39	53 34	69 47	69 50	73 46	73 52	78 46	73 30	52 28	59 40	64 49	73 55	73 44	70 43	71 46	67.1 44.0		
PRATTVILLE	MAX MIN	65 31	62 35	63 28	52 43	59 30	64 27	61 41	57 36	52 43	62 44	72 49	77 60	70 53	57 43	49 30	51 35	47 46	69 41	69 35	70 48	69 48	67 33	49 25	58 37	57 49						60.8 39.6	
PUSHMATAHA	MAX MIN	67 31	63 35	62 25	69 33	58 29	63 27	68 32	67 37	56 38	52 45	72 60	79 60	60 40	41 35	45 22	52 27		67 40	65 35	75 43	73 50		45 27	52 23	55 28	70 45	74 44	67 40	68 32	69 35	62.7 37.2	
ROBERTSDALE 7 E	MAX MIN	65 33	68 34	65 43	72 45	60 37	69 32	76 55	67 52	67 46	68 57	76 66	78 75	75 59	45 42	55 29	56 38	74 54	68 42	74 57	76 48	57 30	57 26	61 41	69 53	75 55	72 50	71 46	71 45	69 46	67.4 46.4		
ROCK MILLS	MAX MIN	67 25	63 20	64 22	52 23	60 20	63 40	60 30	53 40	48 34	45 36	65 41	73 57	68 52	53 42	43 37	53 22	44 29	60 38	73 48	68 31	65 40	52 42	55 35	55 42	52 34	64 40	69 50	67 44	69 31	62 26	59.1 35.1	
SAINT BERNARD	MAX MIN	60 26	63 27	52 24	62 24	49 28	58 24	60 25	62 31	47 31	49 36	54 39	65 53	66 45	47 34	38 29	43 20	50 30	54 29	57 39	68 42	67 34	57 35	38 49		53 24	59 40	57 36	58 31	62 29	65 30	55.4 31.4	
SAND MTN STA FRM AP	MAX MIN	61 31	57 37	57 28	48 41	53 25	58 44	61 41	53 30	46 34	43 33	54 40	65 52	64 44	47 35	45 29	47 19	40 29	55 48	58 42	59 46	60 46	54 27	50 20	57 34	51 42	57 48	60 36	63 40	62 36	55 42	54.1 36.1	
SCOTTSBORO	MAX MIN	61 28	56 25	62 28	47 38	56 23	62 24	68 45	53 36	55 43	45 39	59 45	65 47	65 40	43 38	48 30	54 22	43 35	55 41	55 47	64 43	65 44	60 47	54 29	61 33	56 48	58 51	63 36	66 30	69 28	59 39	57.4 35.1	
SELMA	MAX MIN	68 32	67 36	68 30	61 45	62 30	66 29	65 45	53 39	61 43	77 51	78 64	75 51	52 44	46 39	55 27	48 37	66 45	64 43	74 41	75 50	70 43	47 32	55 26	60 40	64 50	70 53	73 48	71 44	70 38	66 46	64.3 41.2	
SPRING HILL	MAX MIN	69 36	70 41	69 42	70 50	69 40	64 36		75 51	65 46	67 49	70 63	75 67	73 56	40 30	45 28	57 35	65 46	75 44		74		75 52	52 30				71 52	73 52			66.4 44.1	
TALLADEGA	MAX MIN	65 26	58 34	64 25	59 37	52 22	63 46	60 34	53 38	50 39	51 48	65 64	72 47	69 49	49 35	54 20	44 33	61 43	60 48	72 43	64 38	63 44	44 22	54 33	57 42	58 47	64 51	68 41	67 35	67 30	59.1 37.1		
THOMASVILLE	MAX MIN	68 43	63 44	69 44	58 37	58 35	66 37	68 56	59 40	57 41	77 61		69 66	49 38	45 35	53 24	65 47	66 41	75 49	65 49	73 58	65 43	44 28	53 27	60 36	69 50	74 54	67 47	68 44	70 42	72 46	63.1 43.1	
TROY	MAX MIN	55 41	66 45	61 38	61 43	56 33	57 42	61 61	57 42	61 40	62 42	74 62	77 61	71 58	46 40	47 29	43 34	51 36	59 47	66 50	72 54	72 50	71 34	69 44	55 27	57 32	64 41	70 50	68 45	67 44	67 45	62.1 42.1	
TUSCALOOSA AIRPORT	MAX MIN	67 28	59 31	67 25	55 31	60 29	67 26	69 40	55 36	54 40	56 45	74 55	75 54	55 42	44 36	47 22	53 35	63 42	57 35	74 42	74 35	86 40	44 25	54 26	58 30	64 50	60 49	65 38	68 32	69 30	66 36	61.1 39.1	
TUSKEGEE	MAX MIN		67 34	64 38	62 40	52 38	58 26	65 34	60 36	59 44	50 40	57 41	74 55	77 60	67 40	47 28	44 34	51 38	58 44	64 40	70 45	67 52	69 32	45 25	55 30	55 43	56 48	62 46	68 39	67 37	66 43	60.1 39.1	
UNION SPRINGS	MAX MIN	69 36	65 39	67 34	58 33	60 36	65 31	63 43	61 40	53 42	55 44	69 50	76 65	67 55	49 39	53 29	48 35	64 40	64 49	74 40	72 48	58 49	50 31	56 27	58 39	58 47	64 53	63 40		70 43	55 41	62.1 41.1	
UNIVERSITY	MAX MIN	63 28	56 34	63 27	50 34	57 25	63 41	64 36	52 40	52 39	73 43	71 54	53 41	11 35	44 28	50 35	59 42	57 40	70 42	65 37	70 54	65 33	42 28	52 22	52 37	64 49	58 48	63 40	66 35	68 40	64 31	58.1 37.1	
VALLEY HEAD	MAX MIN	63 28	61 28	60 20	52 24	53 19	60 31	62 26	49 36	48 40	48 36	55 40	86 53	70 45	65 40	50 30	48 15	40 29	55 37	61 41	63 33	65 35	60 25	48 16	55 20	57 42	52 49	59 30	59 28	64 22	54 31	56.1 31.1	
WETUMPKA	MAX MIN	65 33	65 36	64 29	56 42	57 32	63 29	61 50	59 38	52 42	72 43	76 50	70 65	55 48	48 37	51 27	47 35	69 47	59 42	69 37	69 49	66 48	45 33	55 25	58 40	58 50	64 53	67 46	67 40	63 40	60.1 41.1		

ALADAMA
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CLIMATOLOGICAL DATA

ALABAMA

ANNUAL SUMMARY 1949

Volume LV No. 13



Weather Summary

The winter of 1948-49 was the second warmest winter of record, and grains, legumes, garden crops, and other vegetation, continued to make abnormal progress through January and February. March was slightly colder than normal, but little damage was done by the frosts and light freezes which occurred.

There was damage to the peach crop this year, but it was due to the mild winter rather than to late frosts. The lack of sufficient cold required for winter dormancy prevented proper blooming and leafing out, so that the crop was short and many trees in the south and central portions of the State died.

Except for a period of 3 weeks during May, when it became rather dry, rainfall in most areas was abundant through the first week of September, so that it was a good year for the growth of field crops, pasturage, and other vegetation. Frequent showers, along with rank stalk growth, promoted boll weevil activity, and the cotton crop was short. The autumn was dry, so that conditions were ideal for harvesting, but pasturage began to give out in October, and was unusually scant thereafter due to frosts in November and to the lateness of cultivated grazing crops as a result of dryness.

JANUARY

This month was 7.7° warmer than normal. Maximum temperatures on the 11th of 81° at Birmingham, and 83° at Mobile and Montgomery were the highest ever recorded at these stations in January. Rainfall was light in the Southern Division, but heavy in the northwestern half of the State. Light snow fell over most of the north on the night of the 30-31st, and there was a small amount of sleet and freezing rain in the central and southern portions.

Four days of cold weather began on the 29th, giving farmers who were without storage facilities the first opportunity of the winter to kill large hogs. Winter field crops made abnormal progress and became rather tender, but were not hurt by frosts at the end of the month.

Rains on the 3d to the 5th caused severe flooding on the Warrior River, and flood stages were equalled or exceeded at nearly all stations on the Alabama watershed and the Tombigbee.

FEBRUARY

This was another mild winter month with frequent rainfall averaging near normal in the southeast and northwest, but 1 to 4 inches above normal over a central area extending from Clarke, Choctaw, and Sumter Counties, northeastward through Calhoun and Etowah Counties.

Wet soil hindered ground breaking for spring crops except in the southeast and extreme south, and, as the month ended, little of this work had been done in the north. Under the influence of continued warmth, the abnormal progress of winter grain, cover and pasture crops, and wild pasturage was accelerated.

A windstorm, probably a tornado, occurred 3 miles southwest of Red Level, in Covington County, on the 19th. Two houses were destroyed and 5 persons were injured, one seriously.

Flood stages prevailed throughout the month in the Tombigbee below Gainsville, and there was moderate flooding in the Warrior, the upper Coosa, the lower Alabama, and the headwaters of the Cahaba, late in the month.

MARCH

March was 1.3° cooler than normal. Rainfall totals were rather large in the west central and southwest portions, but fairly light in the extreme southeast and a few other localities in the east. Vegetation, which had become abnormally advanced due to the unusually warm winter, was harassed considerably by frosts and light freezes until after the general frost on the 19th. Little real damage was done, however. Wet soil hindered field work in the north and west, but plowing and planting ran ahead of schedule in some parts of the southeast and did not get seriously behind in other sections.

Some scattered thundersquall damage was done to houses and barns in southwest Escambia County on the 21st. Light hail occurred in this storm.

Heavy rain late in the month caused flooding in the Cahaba River at Centreville, and the Tombigbee and Warrior Rivers. Damage was slight.

APRIL

Rainfall was rather light until the last four days when it was generally heavy. Temperatures were mostly seasonal, but almost record breaking low readings for so late in the season were recorded on the morning of the 16th. A rainy spell set in late on the 26th and lasted until early on May 2d.

Field work, which had been getting behind on account of wet soil during March, made rapid progress, and as the month ended, planting was up to date except in some northeastern counties.

Thundersquall damage was reported near Montgomery on the 11th, at Mobile on the 21st, and in Elmore County on the 24th. There was considerable small hail in the latter storm.

Heavy rain over an east central area on the 29th caused a rapid rise in the Tallapoosa River at Milledgeville, with a crest of 41.5 feet on the 30th. The Warrior and Tombigbee reached flood crests after the heavy March rains.

MAY

Rainfall averaged slightly more than normal, but there was a period of three weeks following the 2d when no rain occurred except a few showers in the north around the 8th and 9th. Droughts in a few areas were about to become serious by the time a general showery period of several days began on the 27th.

The fair weather which prevailed much of the time was favorable for cultivation and for harvesting Irish potatoes, oats, Johnson grass, alfalfa and sericea hay, lupine seed, and crimson clover seed. Pastures were fine during the first 10 days, but deteriorated due to dryness prior to the 27th.

Some thundersquall damage was reported at Montgomery and at Union Springs in Bullock County on the 23d, and near Mobile on the 30th.

Following the rainy spell which ended on the 2d, there was flooding on the upper Cahaba, portions of the Alabama, and on the Tombigbee and lower Warrior Rivers.

JUNE

June was generally warm with rainfall 1.49 inches above normal. Wet fields delayed the completion of corn planting in the north, and hindered cultivation so that fields became grassy. Crops made good growth and pastures were excellent.

A local thundersquall destroyed a hangar at Norman Bridge Airport near Montgomery on the 7th.

JULY

Temperatures were mostly near normal, but more than usual humidity gave the impression of unusual warmth. Rainfall was light in the north, but very heavy near the coast, and local distribution was ragged as usual for July.

The weather was not unfavorable for most crops, but the frequent showers of the summer, along with rank stalk growth, promoted boll weevil activity in cotton, and since it was difficult to use poison on account of rain, damage to the crop was heavy.

Lightning killed 2 men near Glenwood, in Crenshaw County, on the 5th.

AUGUST

The mean temperature and average rainfall were not far from normal. Showers were mostly frequent, but mainly light, and it became rather droughty in a few spots in the north. It was exceptionally cool from the 22d to the 24th.

Crops continued to make good progress except in a few of the drier northern areas, where it was too dry for corn and pasturage. Boll weevil activity remained high, making yield prospects for cotton only poor to fair.

Deaths by lightning included a man and a mule killed near Fort Payne, in DeKalb County, on the 8th; a man near Selma, in Dallas County, on the 19th; and a woman in Mobile County on the 20th. Lightning damage was reported also in Phenix City on the 1st, and near Montgomery on the 31st.

A small tornado lifted the roof and ceiling from a house near Montgomery on the 30th. Tornadoes in summer are extremely rare in Alabama. Four men were drowned when a thundersquall overturned some skiffs on Mobile Bay on the 20th. Heavy wind and flood damage was done by thunderstorms at Birmingham on the 28th and 30th, and other wind damage was reported near Selma on the 20th, and near Mobile on the 29th.

SEPTEMBER

Temperatures were relatively mild. Minimum readings on the morning of the 30th were extremely unusual, when a few stations in the north had readings in the middle thirties, and temperatures below 50 degrees extended deep into the coastal counties.

Sectional differences in monthly rainfall totals were great, but precipitation was light in all sections after the 6th. The average over the southeast and east central portions was hardly more than an inch and a half. On the other hand, there was a strip on the west central portion with more than 6 inches. Monthly totals were heavy on the coast, but were not much in excess of normal.

Conditions as a whole were not unfavorable for farm work, and both harvesting operations and fall planting ran ahead of schedules. At the end of the month, some early planting of grains and legumes were up to good stands and making excellent progress, but in the southeast and east central portions the soil became too dry for the best germination of seeds.

Lightning burned down a house in Phenix City in Lee County on the 9th.

OCTOBER

October was continuously warmer than normal after the first 2 days. Rainfall was mostly light, but frequent in many areas. Although a few counties in the northeast had 2 to 3 times the normal amounts, no extensive areas elsewhere had more than normal rain.

As a result of the showers being scattered and uneven, there were, until late in the month, wide local variations in soil moisture. By the end of the third week the soil was getting too dry in most central and southern counties, and although fall planting of winter grains and legumes continued normally in these sections, germination was retarded. These crops were benefited greatly by precipitation during the last few days. Harvesting operations made good progress.

NOVEMBER

This was the 4th driest November since State wide averages began in 1884. There was a large number of frosty mornings, but afternoons were mostly sunny and not unpleasant.

As a result of the lack of rainfall and the action of frequent frosts and low humidities, forest fires were exceptionally numerous in all sections. Weather favored the completion of harvesting. Dry soil, however, retarded seed germination and development of winter crops. Pasturage became short, forcing earlier than usual feeding of range cattle.

Three tornadoes occurred in the northeast on the 24th.

DECEMBER

Although the temperature mean was 2.3° higher than normal and rainfall averaged 1.27 inches less than normal, the month was a type of December which frequently occurs. Precipitation was quite evenly distributed. There was widespread dense fog on the morning of the 19th when there was an unusual incidence of automobile accidents with a total of 4 people killed. Considerable cloudiness prevailed most of the month.

Winter grains and legumes, which had been slow in coming up and growing due to drought, made good progress after the 12th, but these crops were several weeks behind as the month ended. Unusually limited grazing necessitated heavier feeding of range cattle than usual for the time of year.

---F.C.P.---

AVERAGE TEMPERATURES AND DEPARTURES FROM NORMAL

ALABAMA
1945

Table 1

Station	January		February		March		April		May		June		July		August		September		October		November		December		Annual	
	Temp	Departure	Temp	Departure	Temp	Departure	Temp	Departure	Temp	Departure	Temp	Departure	Temp	Departure	Temp	Departure	Temp	Departure	Temp	Departure	Temp	Departure	Temp	Departure	Temp	Departure
ALBERTVILLE 1 S	48.2M	4.1	46.9M	1.3	50.9M	-1.1	50.2M	-.9	-	-	78.5	-	79.8	-	78.4	-	69.2M	-3.6	66.6	-	44.8	-2.8	44.9M	1.1	-	-
ALEXANDER CITY 6 NE	52.1	-	51.2M	-	52.4	-	50.2	-	71.0	-	78.5	-	79.8	-	78.4	-	72.2	-	68.4	-	48.2	-	44.9M	1.1	-	-
ANDALUSIA	52.9M	6.0	51.3	-	52.7M	-	50.2	-	74.4M	-	78.5	-	80.7	-	80.3	-	76.2	-	73.6	-	50.1	-	44.9M	1.1	-	-
ANNISTON	54.9M	8.4	53.3	-	54.3M	-	51.8	-	70.9	-	76.4	-	80.2	-	78.5	-	70.8	-	68.2	-	49.1	-	46.4M	1.1	-	-
ANNISTON WB AIRPORT	52.6	-	51.8	-	51.0	-	59.3	-	70.9	-	76.4	-	80.2	-	78.5	-	70.8	-	68.2	-	49.1	-	46.4M	1.1	-	-
ATMORE STATE FARM	57.9	-	58.2	-	59.3	-	66.3	-	75.7	-	80.1	-	81.9	-	81.1	-	76.6	-	73.7M	-	50.2	-	44.9M	1.1	-	-
AUBURN	51.8	-	51.8	-	52.6	-	53.5	-	60.9	-	71.7	-	79.4	-	78.2	-	73.5	-	71.1	-	50.1	-	44.9M	1.1	-	-
BAY MINETTE	52.7	-	52.8	-	53.1	-	59.1	-	66.0	-	74.8	-	80.2	-	80.8	-	77.9M	-	73.4	-	50.1	-	44.9M	1.1	-	-
BIRMINGHAM WB APT	57.4	-	57.7	-	58.1	-	60.5	-	71.5	-	77.2	-	81.1	-	81.3	-	78.7	-	71.5	-	50.1	-	44.9M	1.1	-	-
BIRMINGHAM WB CITY	57.4	-	57.7	-	58.1	-	60.5	-	71.5	-	77.2	-	81.1	-	81.3	-	78.7	-	71.5	-	50.1	-	44.9M	1.1	-	-
BRENTON 3 SSE	58.0	-	58.4	-	59.4	-	57.6	-	64.5	-	73.7	-	80.6	-	79.9	-	75.3M	-	72.1	-	54.8	-	44.9M	1.1	-	-
CHATEAUVILLE	58.0	-	58.4	-	59.4	-	57.6	-	64.5	-	73.7	-	80.6	-	79.9	-	75.3M	-	72.1	-	54.8	-	44.9M	1.1	-	-
CHICKASAW	58.7	-	58.8	-	59.4	-	57.6	-	64.5	-	73.7	-	80.6	-	79.9	-	75.3M	-	72.1	-	54.8	-	44.9M	1.1	-	-
CITRONELLE	58.7	-	58.8	-	59.4	-	57.6	-	64.5	-	73.7	-	80.6	-	79.9	-	75.3M	-	72.1	-	54.8	-	44.9M	1.1	-	-
CLANTON	58.7	-	58.8	-	59.4	-	57.6	-	64.5	-	73.7	-	80.6	-	79.9	-	75.3M	-	72.1	-	54.8	-	44.9M	1.1	-	-
CORDELE	58.1	-	58.1	-	58.5	-	59.2	-	61.2	-	71.4	-	78.7	-	80.2	-	79.8	-	72.2	-	50.1	-	44.9M	1.1	-	-
DAYTON	58.2	-	58.4	-	59.4	-	57.6	-	64.5	-	73.7	-	80.6	-	79.9	-	75.3M	-	72.1	-	54.8	-	44.9M	1.1	-	-
DECATUR	58.1M	7.1	58.4	-	59.4	-	57.6	-	64.5	-	73.7	-	80.6	-	79.9	-	75.3M	-	72.1	-	54.8	-	44.9M	1.1	-	-
DOthan CAA AIRPORT	58.8	-	58.8	-	59.4	-	57.6	-	64.5	-	73.7	-	80.6	-	79.9	-	75.3M	-	72.1	-	54.8	-	44.9M	1.1	-	-
ELBA	56.4	-	58.1	-	58.2	-	57.1	-	65.9M	-	74.8	-	78.7M	-	81.2	-	78.0	-	74.9M	-	63.6	-	44.9M	1.1	-	-
EVINGREEN	57.2M	6.8	58.1M	6.4	57.4M	-	57.4	-	75.1M	-	78.7M	-	80.8	-	81.1	-	77.5	-	73.1M	-	54.8	-	44.9M	1.1	-	-
EVINGREEN CAA APT	57.2M	6.8	58.1M	6.4	57.4M	-	57.4	-	75.1M	-	78.7M	-	80.8	-	81.1	-	77.5	-	73.1M	-	54.8	-	44.9M	1.1	-	-
FALMOUTH	58.8	-	58.8	-	59.4	-	57.6	-	64.5	-	73.7	-	80.6	-	79.9	-	75.3M	-	72.1	-	54.8	-	44.9M	1.1	-	-
INVEST	58.1	-	58.1	-	58.5	-	59.2	-	61.2	-	71.4	-	78.7	-	80.2	-	79.8	-	72.2	-	50.1	-	44.9M	1.1	-	-
PORT MORGAN	58.1	-	58.1	-	58.5	-	59.2	-	61.2	-	71.4	-	78.7	-	80.2	-	79.8	-	72.2	-	50.1	-	44.9M	1.1	-	-
PRINCE GEORGE	57.7	-	57.7	-	58.1	-	58.5	-	61.2	-	71.4	-	78.7	-	80.2	-	79.8	-	72.2	-	50.1	-	44.9M	1.1	-	-
GADSDEN	58.8	-	58.8	-	59.4	-	57.6	-	64.5	-	73.7	-	80.6	-	79.9	-	75.3M	-	72.1	-	54.8	-	44.9M	1.1	-	-
GRAND	58.1	-	58.1	-	58.5	-	59.2	-	61.2	-	71.4	-	78.7	-	80.2	-	79.8	-	72.2	-	50.1	-	44.9M	1.1	-	-
GREENWATER	58.1	-	58.1	-	58.5	-	59.2	-	61.2	-	71.4	-	78.7	-	80.2	-	79.8	-	72.2	-	50.1	-	44.9M	1.1	-	-
GREENSBORO	58.8M	8.9	58.4	-	59.4	-	57.6	-	64.5	-	73.7	-	80.6	-	79.9	-	75.3M	-	72.1	-	54.8	-	44.9M	1.1	-	-
GREENVILLE	56.3	-	56.8	-	56.6	-	56.6	-	64.3	-	70.4	-	78.7	-	80.1	-	79.8	-	72.2	-	50.1	-	44.9M	1.1	-	-
HAYEVILLE	56.6	-	56.7	-	56.2	-	56.2	-	64.3	-	70.4	-	78.7	-	80.1	-	79.8	-	72.2	-	50.1	-	44.9M	1.1	-	-
HIGHLAND HOME	58.8	-	58.8	-	59.4	-	57.6	-	64.5	-	73.7	-	80.6	-	79.9	-	75.3M	-	72.1	-	54.8	-	44.9M	1.1	-	-
HUNTSVILLE	58.9	-	58.7	-	58.4	-	58.4	-	64.3	-	70.4	-	78.7	-	80.1	-	79.8	-	72.2	-	50.1	-	44.9M	1.1	-	-
LA FAYETTE	58.1	-	58.1	-	58.5	-	59.2	-	61.2	-	71.4	-	78.7	-	80.2	-	79.8	-	72.2	-	50.1	-	44.9M	1.1	-	-
LINDSEY	57.9	-	58.0	-	58.7	-	57.0	-	64.3	-	70.4	-	78.7	-	80.1	-	79.8	-	72.2	-	50.1	-	44.9M	1.1	-	-
LIVINGSTON	57.1M	11.7	54.5	-	6.1	-	57.0	-	63.3M	-	72.3	-	79.4	-	80.1	-	79.8	-	72.2	-	50.1	-	44.9M	1.1	-	-
LOCKHART	57.1	-	57.1	-	57.1	-	57.1	-	64.3	-	70.4	-	78.7	-	80.1	-	79.8	-	72.2	-	50.1	-	44.9M	1.1	-	-
MADISON	57.7	-	57.7	-	58.1	-	58.1	-	64.3	-	70.4	-	78.7	-	80.1	-	79.8	-	72.2	-	50.1	-	44.9M	1.1	-	-
MAYFIELD FIELD	56.7	-	56.6	-	57.4	-	57.4	-	64.3	-	70.4	-	78.7	-	80.1	-	79.8	-	72.2	-	50.1	-	44.9M	1.1	-	-
MOBILE WB AIRPORT	58.6	-	58.6	-	59.4	-	57.6	-	64.5	-	73.7	-	80.6	-	79.9	-	75.3M	-	72.1	-	54.8	-	44.9M	1.1	-	-
MOBILE WB CITY	58.6	-	58.6	-	59.4	-	57.6	-	64.5	-	73.7	-	80.6	-	79.9	-	75.3M	-	72.1	-	54.8	-	44.9M	1.1	-	-
MONTGOMERY WB AIRPORT	57.0	-	57.0	-	57.0	-	57.0	-	64.3	-	70.4	-	78.7	-	80.1	-	79.8	-	72.2	-	50.1	-	44.9M	1.1	-	-
MONTGOMERY WB CITY	57.0	-	57.0	-	57.0	-	57.0	-	64.3	-	70.4	-	78.7	-	80.1	-	79.8	-	72.2	-	50.1	-	44.9M	1.1	-	-
MUSCLE SHOALS CAA APT	49.3M	7.4	48.2	-	50.2	-	50.2	-	64.3	-	70.4	-	78.7	-	80.1	-	79.8	-	72.2	-	50.1	-	44.9M	1.1	-	-
ONEONTA	56.4	-	56.4	-	56.4	-	56.4	-	64.3	-	70.4	-	78.7	-	80.1	-	79.8	-	72.2	-	50.1	-	44.9M	1.1	-	-
OZARK	57.0	-	57.0	-	57.0	-	57.0	-	64.3	-	70.4	-	78.7	-	80.1	-	79.8	-	72.2	-	50.1	-	44.9M	1.1	-	-
PRATTVILLE	54.3	-	54.3	-	54.3M	-	54.3M	-	64.3	-	70.4	-	78.7	-	80.1	-	79.8	-	72.2	-	50.1	-	44.9M	1.1	-	-
PUSHMATAHA	56.5M	7.9	-	-	-	-	-	-	64.3	-	70.4	-	78.7	-	80.1	-	79.8	-	72.2	-	50.1	-	44.9M	1.1	-	-
ROBERTSDALE 7 E	60.3	-	61.9	-	59.6	-	59.6	-	64.3	-	70.4	-	78.7	-	80.1	-	79.8	-	72.2	-	50.1	-	44.9M	1.1	-	-
ROCK MILLS	52.5	-	51.7M	-	52.1	-	52.1	-	64.3	-	70.4	-	78.7	-	80.1	-	79.8	-	72.2	-	50.1	-	44.9M	1.1	-	-
SAINT BERNARD	-	-	47.9M	-	2.1	-	49.8	-	2.5	-	58.1	-	2.4	-	69.9M	-	2.9	-	66.2	-	4.5	-	48.0	-	47.5	-
SAND MTN STA FRM AP	50.9	-	50.9	-	50.9	-	50.9	-	64.3	-	70.4	-	78.7	-	80.1	-	79.8	-	72.2	-	50.1	-	44.9M	1.1	-	-
SCOTTSBORO	55.7	-	55.7	-	55.7	-	55.7	-	64.3	-	70.4	-	78.7	-	80.1	-	79.8	-	72.2	-	50.1	-	44.9M	1.1	-	-
SEMA	55.7	-	55.7	-	55.7	-	55.7	-	64.3	-																

Table 2

TOTAL PRECIPITATION AND DEPARTURES FROM NORMAL

ALABAMA
1946

Station	January		February		March		April		May		June		July		August		September		October		November		December		Annual	
	Precip	Departure	Precip	Departure	Precip	Departure	Precip	Departure	Precip	Departure	Precip	Departure	Precip	Departure	Precip	Departure	Precip	Departure	Precip	Departure	Precip	Departure	Precip	Departure	Precip	Departure
ADDISON	14.37	-	5.49	-	7.20	-	4.24	-	2.94	-	-	-	5.90	-	3.19	-	5.22	-	3.22	-	.68	-	-	-	60.65	-
ADDISON CNTRL TOWER	11.52	-	4.37	-	6.01	-	4.88	-	5.05	-	7.46	-	5.43	-	2.91	-	4.21	-	2.76	-	1.26	-	4.79	-	-	-
ALABAMA STATE FARM	13.60	-	4.37	-	5.67	-	4.01	-	4.89	-	9.52	-	6.03	-	4.81	-	5.01	-	3.19	-	1.09	-	4.74	-	66.73	-
ALBERTA	3.81	-	10.05	-	5.47	-	-	-	3.26	-	5.44	-	6.53	-	5.96	-	4.20	-	-	-	.64	-	3.54	-	-	-
ALBERTVILLE 1 S	9.11	3.96	6.21	1.33	-	-	-	-	4.75	.54	-	-	-	-	3.88	-.53	3.88	.71	7.66	4.39	1.11	-2.61	-	-	-	-
ALEXANDER CITY 6 NE	5.81	-	5.18	-	4.93	-	-	-	4.43	-	4.59	-	6.69	-	4.02	-	1.92	-	3.14	-	.53	-	3.35	-	-	-
ALICEVILLE	9.18	-	-	-	7.11	-	-	-	4.15	-	4.26	-	4.54	-	2.52	-	-	-	2.45	-	.95	-	-	-	-	-
ANDALUSIA	3.80	-	2.92	-	4.88	-	9.32	-	4.54	-	4.96	-	6.27	-	2.94	-	.80	-	1.69	-	.38	-	4.10	-	46.60	-
ANNISTON	6.19	1.04	8.63	3.20	6.57	.93	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
ANNISTON WB AIRPORT	5.89	-	7.26	-	5.80	-	3.48	-	3.53	-	4.79	-	2.52	-	6.06	-	1.20	-	2.23	-	.61	-	2.46	-	45.83	-
ARLEY	12.93	-	5.93	-	8.01	-	5.03	-	4.61	-	6.48	-	2.86	-	4.39	-	5.13	-	2.98	-	3.34	-	5.61	-	67.30	-
ASHLAND	6.01	-	5.79	-	5.91	-	5.35	-	3.41	-	5.50	-	6.79	-	7.48	-	1.77	-	2.59	-	.11	-	3.88	-	54.59	-
ASHVILLE	11.58	6.13	8.65	3.58	5.97	-.13	3.59	-1.31	4.15	-.00	3.66	-.75	6.25	1.04	4.16	-.50	2.78	-.67	5.80	2.70	1.05	-2.24	3.60	-2.00	61.24	5.85
ATHENS	14.99	-	4.94	-	6.68	-	3.11	-	5.44	-	9.12	-	4.35	-	1.35	-	3.38	-	2.59	-	.13	-	3.44	-	61.52	-
ATMORE STATE FARM	3.45	-	5.61	-	8.46	-	7.66	-	5.96	-	11.81	-	7.65	-	8.22	-	3.09	-	.86	-	.17	-	4.85	-	67.79	-
AUBURN	4.08	-.52	5.33	-.12	4.62	-1.23	8.70	4.23	2.75	-.79	2.70	-1.36	6.23	2.89	1.74	-3.11	1.16	-1.94	1.87	-1.01	1.54	-1.57	4.24	-1.36	44.96	-5.89
AUBURN SCS 10	3.73	-	5.17	-	4.42	-	8.98	2.43	2.43	-	2.37	-	6.36	-	1.50	-	1.33	-	2.31	-	1.20	-	4.07	-	43.87	-
AUTTAUGAVILLE	4.36	-	6.78	-	5.76	-	4.36	-	5.48	-	5.52	-	6.30	-	4.84	-	.86	-	1.43	-	1.46	-	2.88	-	50.03	-
BARTON	11.68	-	3.74	-	6.67	-	2.48	-	4.37	-	6.64	-	2.39	-	4.09	-	1.01	-	4.66	-	1.20	-	6.49	-	55.42	-
BAV MINETTE	3.80	-.73	8.32	2.54	10.79	5.17	7.79	2.71	5.63	.96	6.68	1.28	11.12	2.72	9.13	2.99	4.62	-1.88	2.68	-1.67	.13	-2.77	3.58	-1.69	74.27	9.63
BEATRICE	-	-	7.63	-	8.40	-	3.44	-	-	-	3.31	-	7.93	-	5.76	-	2.00	-	1.50	-	1.05	-	4.83	-	-	-
BELGREEN	14.29	-	3.70	-	5.44	-	3.46	-	2.11	-	4.18	-	2.18	-	4.05	-	2.97	-	4.75	-	.59	-	2.82	-	50.54	-
BERRY	9.55	-	5.78	-	6.67	-	-	-	8.52	-	-	-	3.45	-	-	-	-	-	-	-	-	-	-	-	-	-
BEXAR 2 SE	12.91	-	4.61	-	7.51	-	3.67	-	2.76	-	4.83	-	3.05	-	1.58	-	2.73	-	2.42	-	.48	-	3.06	-	49.61	-
BILLINGSLEY	4.51	-	8.51	-	-	-	-	-	-	-	-	-	5.56	-	3.59	-	2.22	-	1.48	-	.93	-	4.20	-	-	-
BIRMINGHAM WB APT	11.00	5.48	8.29	3.23	7.98	2.28	4.90	.09	3.37	-.58	2.84	-1.62	2.98	-2.19	5.22	-.96	4.31	.93	3.00	.58	.42	-2.89	3.44	-1.70	57.75	4.57
BIRMINGHAM WB CITY	11.61	6.09	8.20	3.14	7.85	2.15	4.88	.07	3.37	-.58	5.02	.56	4.27	-.90	9.20	4.94	3.72	.34	3.44	1.02	.46	-2.85	3.82	-1.32	65.84	12.66
BISHOP	13.01	-	3.78	-	7.00	-	4.27	-	2.42	-	5.89	-	4.50	-	4.37	-	1.71	-	5.51	-	1.88	-	3.93	-	57.47	-
BOAZ	10.97	-	6.71	-	6.05	-	4.22	-	4.93	-	2.91	-	4.60	-	1.45	-	5.32	-	4.40	-	1.50	-	4.15	-	57.49	-
BRANTLY	3.56	-.96	2.91	-2.75	5.99	.19	4.59	.19	4.98	1.03	4.06	-.34	11.59	5.45	4.91	.03	1.09	-2.38	1.17	-1.46	-	-	-	-	-	-
BREWTON 3 SSE	3.78	-.92	4.66	-.72	6.93	1.89	7.72	3.28	4.78	.63	6.69	1.39	11.88	5.03	7.97	1.76	2.78	-1.82	2.83	-.24	.57	-2.46	3.26	-1.64	63.85	6.18
BRIDGEPORT 2 W	11.49	6.68	5.06	.22	5.65	-.31	6.19	-.00	5.30	1.12	6.09	1.56	6.24	7.6	9.87	4.50	.86	-2.67	2.91	.26	.56	-2.17	4.81	-.14	56.16	3.41
BRUNDRIDGE	3.23	-1.34	3.68	-1.87	6.38	.59	8.15	3.90	3.38	-.03	6.33	2.19	8.22	2.49	4.18	-.58	2.20	-.94	2.92	.01	.33	-2.88	3.20	-2.07	-	-
CALERA	7.21	2.33	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CAMPBELL	3.03	-	-	-	-	-	4.46	-	-	-	-	-	-	-	-	-	-	-	-	.62	-	5.17	-	-	-	-
CARBON HILL	14.49	-	5.83	-	8.15	-	-	-	-	-	10.17	-	6.85	-	7.34	-	4.24	-	4.70	-	1.00	-	5.36	-	-	-
CENTER GROVE	12.43	-	6.73	-	6.10	-	5.07	-	5.56	-	8.68	-	7.96	-	5.96	-	5.01	-	8.70	-	2.27	-	6.08	-	80.55	-
CENTER ST AR	12.85	-	4.31	-	5.06	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CENTREVILLE	-	-	7.08	1.51	7.10	-.97	3.58	-1.50	5.22	1.15	3.41	-.85	-	-	2.84	-2.22	4.90	1.94	1.68	-1.17	.98	-2.19	4.43	-1.12	-	-
CRATON	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CHILDERSBURG	4.45	-	5.95	-	5.98	-	5.38	-	6.34	-	4.09	-	3.09	-	4.72	-	1.42	-	2.00	-	.52	-	2.47	-	46.41	-
CITRONELLE	3.07	-2.03	5.21	-.84	8.74	2.50	6.24	.83	8.63	3.77	4.47	-.91	6.00	-1.47	2.59	-3.91	4.51	-.39	3.63	.30	.17	-3.10	5.07	-.57	58.33	5.82
CLANTON	5.48	-.28	6.99	1.38	5.64	-.20	7.80	3.00	4.34	-.50	6.42	2.33	7.54	1.74	5.31	-.77	1.76	-1.23	1.64	-.98	.60	-2.69	4.84	-.62	58.36	4.28
CLAYTON	3.06	-1.47	3.09	-2.09	5.16	.56	5.37	1.19	-	-	-	-	7.07	1.30	4.66	-.37	1.05	-2.36	1.35	-1.17	.78	-2.17	5.27	.11	-	-
COFFEE SPRINGS	3.58	-.79	5.42	-.34	3.84	-1.20	10.10	5.33	4.75	.81	-	-	-	-	2.60	-1.93	1.15	-3.42	2.20	-.54	.20	-2.71	3.60	-1.31	-	-
COLLINSVILLE	12.77	-	5.66	-	4.93	-	4.13	-	4.19	-	4.29	-	6.42	-	3.45	-	5.86	-	4.59	-	.99	-	3.89	-	61.17	-
COLUMBIA	3.76	-	4.54	-	3.08	-	6.19	-.02	-	-	4.73	-	9.43	-	5.06	-	5.50	-	2.31	-	.51	-	2.69	-	48.92	-
CORDOVA	8.23	3.04	5.92	.83	7.11	1.41	3.37	-1.47	3.98	-.00	5.76	1.64	4.62	-.93	3.90	-.43	4.16	1.57	5.19	2.12	.67	-2.74	4.17	-1.40	57.08	3.64
CUBA	8.63	6.11	-	-	8.50	-	3.62	-	5.95	-	3.99	-	5.81	-	5.77	-	4.99	-	3.64	-	.94	-	4.14	-	59.09	-
DADEVILLE	4.49	-.27	6.00	.47	4.46	-1.72																				

TOTAL PRECIPITATION AND DEPARTURES FROM NORMAL

ALABAMA
1949

Table 2-Continued

Station	January		February		March		April		May		June		July		August		September		October		November		December		Annual	
	Precip	Departure	Precip	Departure	Precip	Departure	Precip	Departure	Precip	Departure	Precip	Departure	Precip	Departure	Precip	Departure	Precip	Departure	Precip	Departure	Precip	Departure	Precip	Departure	Precip	Departure
LEEDS	10.17	4.82	8.45	3.00	6.89	.89	4.64	-.17	5.59	1.47	3.10	-.92	4.96	-1.27	4.66	.10	2.13	-.94	2.86	-.11	1.26	-2.28	3.47	-2.13	58.28	2.56
LEESBURG	9.73	4.57	8.18	2.85	5.81	-.36	5.29	-.64	4.80	.99	4.99	-.97	3.14	-2.21	1.64	-2.42	4.23	1.26	4.83	1.60	1.12	-2.29	4.04	-1.74	57.80	3.86
LIVINGSTON	7.76	2.40	9.91	4.37	5.36	-.87	4.89	-.12	3.63	-.33	3.17	-.90	1.12	-4.13	-	-	1.99	-	4.46	-.60	-	-	-	-	-	-
LOCKHART	4.56	-.03	6.75	2.09	9.51	4.27	-	-	4.34	.70	5.76	1.36	5.70	.25	4.12	-.50	6.38	3.96	2.92	-.59	.80	-2.39	4.18	-1.23	-	-
LOCK NO 1	3.40	-	3.46	-	5.78	-	11.39	-	1.66	-	8.39	-	10.75	-	5.29	-	4.56	-	2.50	-.83	-	-	3.11	-	81.10	-
LOCK NO 2	3.03	-1.99	6.45	.78	10.57	4.85	-	-	4.94	.30	4.36	-.02	12.14	6.50	5.16	.16	3.81	-.06	2.19	-.61	.52	-2.53	3.68	-1.58	-	-
LOCK NO 3	5.92	.78	9.03	3.70	7.19	2.30	4.09	-.50	5.80	1.12	5.21	1.85	7.66	1.83	3.42	-1.61	4.28	1.23	1.41	-.93	.75	-2.33	5.43	-.26	59.99	7.18
LOCK NO 17	7.06	2.53	3.86	1.00	5.92	.52	3.66	-.91	3.53	-.35	3.40	-.14	2.28	-2.68	4.93	.31	4.49	1.54	1.82	-.43	1.07	-2.09	4.67	-.93	48.34	1.63
MADISON	9.45	-	7.94	-	8.08	-	2.55	-	6.23	-	7.47	-	2.59	-	2.93	-	4.30	-	3.30	-	.97	-	4.38	-	60.19	-
MAGALLA	14.02	9.39	4.56	.02	6.15	.42	4.48	-.35	4.04	-.05	9.18	4.92	7.92	3.30	2.52	-1.27	5.80	2.79	4.53	1.14	.73	-2.79	4.82	-.54	68.75	17.04
MAGNOLIA	12.28	-	8.87	-	8.69	-	5.36	-	3.52	-	6.92	-	6.91	-	5.16	-	5.68	-	2.93	-	1.59	-	4.41	-	72.32	-
MARION 1 SSE	4.14	-	9.68	-	7.05	-	3.73	-	3.92	-	1.94	-	3.53	-	5.11	-	6.59	-	1.58	-	.08	-	3.45	-	50.80	-
MARION JUNCTION	6.82	1.77	6.90	1.49	6.30	.90	3.31	-.87	4.91	1.03	5.32	2.11	6.70	1.41	3.07	-1.49	3.95	1.21	1.92	-.47	1.33	-1.48	4.47	-.82	55.20	4.79
MARION DAM	4.27	-	8.63	-	5.68	-	2.77	-	5.63	-	4.89	-	5.28	-	5.99	-	5.07	-	2.35	-	.41	-	3.89	-	55.56	-
MARION DAM	4.77	-.20	5.72	.31	4.03	-1.87	6.20	2.01	2.74	-.54	4.05	-.57	4.69	-.77	4.80	-.13	.33	-2.77	1.43	-1.30	1.73	-1.29	3.07	-2.28	43.56	7.80
MAXWELL FIELD	3.58	-	4.98	-	4.92	-	5.15	-	2.72	-	11.97	-	8.74	-	5.40	-	1.46	-	3.20	-	-	-	3.73	-	-	-
MELVIN	6.20	-	10.00	-	8.43	-	5.76	-	6.79	-	5.55	-	5.94	-	4.97	-	8.86	-	2.08	-	1.19	-	5.21	-	70.98	-
MERTZ 3 E	9.86	-	7.41	-	7.95	-	2.33	-	5.75	-	-	-	-	-	3.20	-	5.65	-	-	-	.86	-	4.07	-	-	-
MIDWAY	3.80	-.06	5.04	-	3.78	-	6.72	-	2.28	-	4.06	-	5.45	-	2.80	-	.47	-	1.90	-	.10	-	4.56	-	41.06	-
MILLERS FERRY	4.67	-.06	8.68	3.22	6.49	1.06	-	-	4.28	-.65	3.70	-.70	7.06	1.42	3.50	-1.23	2.67	-.45	-	-	-	-	4.88	-.95	-	-
MILSTEAD	4.31	-.46	4.50	-1.04	4.25	-1.50	9.95	5.56	3.75	.07	5.09	1.47	9.37	3.84	2.90	-1.71	1.82	-1.09	3.19	-.41	.53	-2.55	3.88	-1.79	53.54	1.21
MITCHELL DAM	4.66	-	6.53	-	5.87	-	5.92	-	1.62	-	5.39	-	8.16	-	4.42	-	1.41	-	1.10	-	.85	-	4.97	-	50.80	-
MOBILE WB AIRPORT	3.13	-	7.33	-	7.76	-	11.77	-	3.10	-	6.08	-	19.29	-	4.23	-	8.35	-	4.03	-	.44	-	6.02	-	81.53	-
MOBILE WB CITY	2.52	-2.33	7.32	1.99	5.33	-.65	10.69	6.06	3.21	-1.11	9.85	4.42	18.35	11.46	4.45	-2.47	5.45	-.45	1.52	-2.08	.12	-3.52	4.82	-.20	73.63	12.02
MONT SARD	14.08	-	5.27	-	7.47	-	4.55	-	6.14	-	9.96	-	3.60	-	2.33	-	4.38	-	4.95	-	.99	-	5.90	-	69.62	-
MONTVALLO	5.87	-	-	-	7.07	-	3.75	-	2.78	-	5.62	-	3.03	-	1.09	-	3.02	-	2.18	-	.83	-	2.58	-	-	-
MONTGOMERY WB APT	4.12	-1.08	5.16	-.29	4.56	-1.43	4.18	-.12	4.44	-.96	3.90	5.30	9.00	4.14	4.85	.72	.25	-2.27	3.13	.67	.25	-2.98	1.54	-1.43	51.46	.27
MONTGOMERY WB CITY	14.28	-	4.35	-	5.38	-	2.76	-	4.33	-	7.78	-	1.75	-	9.26	-	3.11	-	2.96	-	.38	-	4.31	-	60.63	-
MUSCLE SHOALS CAA APT	10.86	6.00	3.17	-1.47	4.22	-1.49	1.78	-2.82	2.62	-1.63	6.26	1.79	5.94	1.32	5.70	1.84	2.67	.18	5.00	1.78	.16	-3.29	3.65	-1.49	52.03	.36
NEW BROOKTON	-	-	-	-	-	-	5.60	-	2.73	-	-	-	-	-	6.35	-	1.08	-	2.24	-	1.08	-	4.31	-	-	-
NEUBURG	14.45	-	3.42	-	5.61	-	2.58	-	1.95	-	5.95	-	5.64	-	4.89	-	4.41	-	2.79	-	1.27	-	2.85	-	55.81	-
NEW MARKET	14.86	-	4.88	-	6.66	-	5.51	-	5.85	-	10.56	-	3.90	-	1.49	-	2.46	-	4.06	-	1.14	-	5.39	-	66.56	-
NEWMAN	5.87	1.04	3.98	-1.77	2.13	-3.31	6.31	2.07	4.79	.23	6.31	.54	2.01	-3.14	2.72	-1.66	.63	-1.85	3.30	-2.70	1.54	-3.13	3.38	-2.24	58.35	1.44
ONONTA	13.02	7.78	7.13	1.73	6.21	.20	4.12	-.90	5.02	.58	4.31	-.08	3.50	-2.91	2.73	-2.63	3.70	.73	4.07	1.03	1.18	-1.83	3.38	-2.24	58.35	1.44
ORVILLE	4.80	-	8.78	-	5.26	-	3.29	-	3.75	-	2.17	-	8.53	2.37	5.73	.16	3.10	-1.07	2.21	-.37	.91	-1.99	3.72	-1.13	57.15	3.23
OTZARK	4.94	.49	6.27	.59	3.67	-1.67	7.20	2.99	2.38	-1.05	8.49	3.91	8.34	4.51	5.73	.16	3.10	-1.07	2.21	-.37	.91	-1.99	3.72	-1.13	57.15	3.23
PAINT ROCK	13.56	-	5.44	-	5.92	-	4.01	-	6.27	-	8.37	-	4.34	-	4.51	-	4.88	-	7.99	-	.65	-	5.23	-	71.96	-
PALMERDALE	13.02	-	-	-	6.98	-	-	-	6.39	-	4.42	-	6.59	-	3.40	-	3.71	-	7.11	-	.30	-	3.97	-	-	-
PERRYVILLE	5.56	-	8.37	-	6.17	-	-	-	5.30	-	5.08	-	4.45	-	3.68	-	2.56	-	1.98	-	.99	-	3.42	-	-	-
PETERMAN	2.61	-	4.99	-	4.06	-	6.24	-	3.00	-	6.54	-	8.33	-	4.36	-	4.86	-	1.26	-	.33	-	4.25	-	50.83	-
PICKENSVILLE	7.30	-	7.18	-	7.93	-	2.25	-	4.18	-	5.67	-	5.60	-	3.91	-	3.65	-	2.17	-	1.00	-	4.36	-	55.20	-
PINE HILL	-	-	-	-	-	-	-	-	3.58	-	-	-	7.56	-	7.67	-	3.44	-	1.61	-	.60	-	5.72	-	-	-
PINE LUMP	3.76	-	8.27	-	5.63	-	5.70	-	4.19	-	9.79	-	4.17	-	4.17	-	2.02	-	3.08	-	.23	-	3.25	-	-	-
PLANTERSVILLE	7.63	-	8.55	-	5.29	-	4.71	-	5.10	-	7.31	-	5.53	-	4.45	-	4.08	-	1.45	-	.95	-	3.82	-	58.87	-
PLEASANT GROVE SCH	-	-	-	-	-	-	-	-	3.92	-	6.64	-	10.03	-	3.81	-	2.72	-	6.00	-	1.00	-	5.37	-	-	-
PLEASANT HILL	2.98	-	-	-	-	-	4.48	-	4.62	-	-	-	-	-	-	-	-	-	-	-	.08	-	2.54	-	-	-
PRATTVILLE	3.64	-1.30	-	-	5.38	-.32	5.25	-.84	3.39	.06	8.34	4.51	5.62	.17	5.23	-.11	1.65	-1.55	2.03	-.54	1.09	-2.20	3.08	-2.14	-	-
PRIMAVERA DAM	5.02	.24	4.00	-1.22	4.43	-1.11	3.97	-.11	1.89	-	2.54	3.31	1.47	4.75	-1.10	4.18	.34	4.79	1.08	1.99	.65	<				

TEMPERATURE EXTREMES AND FREEZE DATA

ALABAMA
1949

Table 3

Station	Highest	Date	Lowest	Date	Last spring minimum of			First fall minimum of			No. of days between dates		
					24° or below	28° or below	32° or below	32° or below	28° or below	24° or below	24° or below	28° or below	32° or below
ALBERTVILLE	-	-	20	2- 1+	3-16 (22°)	3-19 (27°)	3-20 (30°)	11- 4 (28°)	11- 4 (28°)	11-26 (24°)	255	230	229
ALEXANDER CITY	97	7-30	18	1- 1	3-16 (24°)	3-20 (28°)	4-17 (30°)	11- 2 (31°)	11- 4 (27°)	11-18 (23°)	247	229	199
ANDALUSIA	96	7-31	26	1- 1	None	1- 1 (26°)	3-19 (31°)	11-19 (38°)	12-24 (27°)	None	365	358	245
ANNISTON	98	7-29	18	1- 1	1- 1 (18°)	3-16 (25°)	4-17 (31°)	11- 2 (31°)	11- 4 (26°)	11-19 (24°)	323	233	199
ATMORE STATE FARM	99	7- 7	27	1- 1	None	2- 2 (28°)	2- 2 (28°)	11-19 (29°)	12-24 (28°)	-	365	326	291
AUBURN	-	-	22	1- 1	1- 1 (22°)	3-16 (27°)	4-17 (31°)	11- 4 (30°)	11-18 (28°)	None	364	247	201
BAY MINETTE	96	7-30	26	12-24	None	2- 1 (28°)	2- 1 (28°)	11-19 (32°)	12-16 (28°)	None	365	319	292
BIRMINGHAM AIRPORT	96	7- 8+	20	1- 1+	2- 1 (24°)	3-19 (26°)	3-20 (31°)	11- 3 (32°)	11- 4 (28°)	12-16 (20°)	319	230	228
BIRMINGHAM CITY	98	8-12	22	12-16	2- 1 (24°)	3-16 (28°)	3-19 (29°)	11- 4 (31°)	11-22 (26°)	12-16 (22°)	319	251	230
BREWTON	98	7-30	21	1- 1	1- 2 (22°)	1- 2 (22°)	3-20 (31°)	11- 2 (30°)	11- 7 (28°)	12- 3 (24°)	336	310	227
CENTREVILLE	99	7-10+	-	-	-	3-19 (28°)	3-20 (29°)	11- 7 (32°)	11-19 (28°)	12-24 (22°)	-	245	232
CHATOM	-	-	-	-	-	-	-	11- 2 (31°)	11-19 (25°)	11-23 (24°)	-	-	-
CITRONELLE	95	6-29+	27	12-16	-	3-17 (28°)	3-20 (31°)	11-22 (30°)	12-16 (27°)	None	365	274	247
CLANTON	98	7-30+	23	1- 1+	1- 2 (24°)	2- 2 (27°)	2-12 (29°)	11- 4 (29°)	11-19 (25°)	12-24 (23°)	357	291	266
CORDOVA	98	7- 9+	17	1- 1+	3-19 (24°)	3-20 (26°)	4-16 (31°)	11- 2 (32°)	11- 4 (26°)	11-19 (22°)	245	229	200
DAYTON	97	9-18	22	12-16	-	2- 1 (26°)	3-19 (29°)	11- 4 (31°)	11-19 (28°)	12-16 (22°)	351	292	230
DECATUR	95	7- 8+	19	1-30+	3- 1 (24°)	3-17 (27°)	3-20 (32°)	11- 4 (31°)	11-22 (27°)	12-16 (22°)	290	250	229
DOTHAN AIRPORT	99	7-30	25	1- 1	None	1- 1 (25°)	3-20 (31°)	11-19 (30°)	None	None	365	364	244
EUFULA	101	7- 6	24	1- 1	1- 1 (24°)	1- 2 (25°)	3-19 (32°)	11-18 (31°)	11-19 (27°)	None	364	322	244
EVERGREEN	96	7-30	22	1- 1	1- 1 (22°)	2- 2 (28°)	3-19 (30°)	11- 4 (31°)	11-19 (27°)	None	364	291	230
FAIRHOPE	96	8-12+	23	12-24	None	None	3-19 (32°)	11- 2 (32°)	11-22 (24°)	11-22 (24°)	327	327	228
FAYETTE	98	7-11+	12	2- 1	3-16 (23°)	3-20 (27°)	3-20 (27°)	11- 1 (31°)	11- 4 (27°)	11-19 (22°)	248	239	226
FORT MORGAN	96	8-13	35	1-30+	-	-	-	None	None	None	-	-	-
FRISCO CITY	100	7-31	25	1- 1	None	2- 2 (27°)	3-19 (31°)	11-19 (28°)	11-19 (28°)	None	365	291	245
GADSDEN	100	7-30	16	12-16	3-19 (24°)	3-20 (26°)	4-17 (29°)	11- 2 (30°)	11- 4 (26°)	11- 6 (24°)	352	229	199
GENEVA	99	7-31	24	1- 1	1- 1 (24°)	1- 2 (26°)	3-19 (32°)	11- 4 (31°)	11-19 (27°)	None	364	322	230
GOODWATER	96	7-30	21	1- 1	1- 1 (21°)	3-16 (26°)	4-17 (30°)	11- 4 (28°)	11- 4 (28°)	12- 5 (24°)	339	233	201
GREENSBORO	99	8-12	22	1- 1	1-31 (24°)	3-16 (28°)	3-18 (30°)	11- 4 (32°)	11-22 (26°)	None	334	251	231
GREENVILLE	97	7-30	24	1- 1	1- 1 (24°)	2- 1 (28°)	2- 2 (26°)	11-19 (28°)	11-19 (28°)	None	364	292	291
HALEYVILLE	93	8-13	17	2- 1	3-16 (24°)	3-19 (28°)	3-19 (28°)	11- 1 (31°)	11-18 (27°)	11-22 (23°)	251	244	227
HIGHLAND HOME	95	7-30	25	1- 1+	None	2- 2 (28°)	3-19 (30°)	11- 4 (32°)	11-19 (25°)	None	365	291	230
HUNTSVILLE	95	7-27+	18	1- 1+	3-16 (21°)	3-19 (25°)	4-17 (32°)	11- 3 (30°)	11- 4 (28°)	11-26 (23°)	255	230	200
LAFAYETTE	96	7-29+	22	12-24	1- 1 (23°)	3-16 (25°)	3-20 (32°)	11- 4 (30°)	11-16 (25°)	12-16 (24°)	350	245	229
LIVINCOLN	98	7-29	19	1- 1	3-16 (23°)	3-20 (28°)	4-17 (30°)	11- 2 (32°)	11- 4 (22°)	11-18 (24°)	247	229	199
LIVINGSTON	97	7-10	-	-	1-31 (24°)	2-11 (28°)	3-20 (31°)	11- 4 (30°)	11-19 (26°)	12- 3 (24°)	307	282	229
LOCKHART	98	7-31	28	1- 1+	None	1- 1 (28°)	3-19 (32°)	11-19 (30°)	12-24 (28°)	None	365	358	245
MADISON	96	7- 5+	15	1-30+	3-19 (24°)	3-19 (24°)	4-17 (31°)	11- 4 (27°)	11- 4 (27°)	11-22 (24°)	248	230	201
MAXWELL FIELD	98	7-30	28	1- 1+	None	1- 1 (28°)	3-19 (32°)	11-19 (31°)	12-24 (28°)	None	365	358	245
MOBILE AIRPORT	96	6-29+	27	12-16+	None	1- 1 (28°)	3-19 (32°)	11-22 (29°)	12-16 (27°)	None	365	350	248
MOBILE CITY	97	6-29	30	12- 1	None	-	2- 1 (31°)	12-16 (32°)	None	None	365	365	319
MONTGOMERY AIRPORT	98	7-29+	23	12-24	None	1- 1 (26°)	3-19 (31°)	11- 7 (32°)	11-19 (28°)	12-24 (23°)	359	323	253
MONTGOMERY CITY	98	7-29+	29	1- 1+	None	None	3-16 (32°)	11-22 (32°)	None	None	365	365	251
MUSCLE SHOALS	97	7-30	13	2- 1	2- 1 (13°)	3-16 (25°)	3-19 (31°)	11- 1 (32°)	11- 4 (28°)	11-26 (24°)	299	233	227
ONDOWITA	98	7-30	18	12-16	3- 1 (23°)	3-16 (25°)	4-17 (30°)	11- 2 (31°)	11- 4 (26°)	11-19 (23°)	263	233	199
OZARK	97	7-30	27	1- 1	None	1- 1 (27°)	3-19 (31°)	11-19 (32°)	11-22 (28°)	None	365	326	245
PRATTVILLE	98	7-30	24	1- 1	1- 1 (24°)	1- 2 (27°)	3-19 (30°)	11- 7 (32°)	11-18 (28°)	None	364	321	233
PUSHMATAHA	95	6-30	-	-	-	-	3-20 (30°)	11- 2 (32°)	11-19 (27°)	12-16 (22°)	-	-	-
ROBERTSDALE	94	6+ 7+	26	12-24	None	None	3-19 (31°)	11-19 (29°)	12-24 (26°)	None	365	359	245
ROCK MILLS	100	7-29+	20	12- 6	3-16 (24°)	3-17 (25°)	4-17 (30°)	11- 2 (31°)	11- 6 (28°)	11-18 (23°)	247	234	199
SAINT BERNARD	95	7- 7+	-	-	3-16 (22°)	3-19 (28°)	4-17 (30°)	11- 2 (32°)	11- 4 (28°)	11-19 (24°)	248	230	199
SAND MT STA FARM	-	-	-	-	-	-	-	11- 4 (26°)	11- 4 (26°)	12-16 (18°)	-	-	-
SCOTTSBORO	97	7-29	19	1- 1+	3-16 (21°)	3-19 (26°)	4-17 (32°)	11- 4 (28°)	11- 4 (28°)	11-23 (24°)	252	230	201
SELMA	95	6-29+	26	1- 1+	None	2- 1 (28°)	3-19 (31°)	11- 4 (32°)	11-19 (27°)	None	365	292	230
SPRING HILL	97	7-10+	-	-	None	-	2- 1 (29°)	11-22 (30°)	12-16 (28°)	None	365	351	295
TALLADEGA	99	7-27	17	1- 1	3-16 (23°)	3-19 (26°)	4-17 (31°)	11- 2 (31°)	11- 4 (26°)	11-19 (23°)	248	230	199
THOMASVILLE	97	7- 7	22	1-30	2- 2 (24°)	2- 2 (24°)	3-19 (31°)	11-22 (28°)	11-22 (28°)	12-16 (24°)	318	294	248
TROY	96	7-31	27	12-24	None	2- 1 (28°)	3-19 (31°)	11-19 (30°)	11-22 (28°)	None	365	295	245
TUSCALOOSA AIRPORT	99	7-29+	20	1- 1	2- 1 (24°)	3-16 (27°)	3-20 (30°)	11- 4 (30°)	11-19 (26°)	12-16 (22°)	319	248	229
TUSKEGEE	96	7-29+	24	11-23	None	1- 1 (25°)	3-17 (30°)	11- 4 (29°)	11-23 (24°)	11-23 (24°)	357	327	232
UNION SPRINGS	-	-	26	1- 1	None	1- 1 (26°)	3-19 (31°)	11- 4 (32°)	11-22 (28°)	None	365	326	230
UNIVERSITY	98	8-11	22	1- 1+	2- 1 (24°)	3- 1 (28°)	3-19 (31°)	11- 4 (31°)	11-19 (27°)	12-16 (23°)	319	263	230
VALLEY HEAD	95	7-29+	15	12-16	3-20 (22°)	4-17 (28°)	1-19 (32°)	11- 2 (30°)	11- 4 (24°)	11- 4 (24°)	229	201	197
WETUMPKA	96	7-29+	25	1-11+	None	1- 2 (25°)	3-19 (31°)	11-18 (32°)	11-19 (28°)	12-16 (23°)	350	322	244

TOTAL EVAPORATION AND WIND MOVEMENT

Table 4

Station		Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual	Departure fr normal
AUBURN	EVAP	2.64	2.73	4.42	6.03B	7.82	6.75	7.01	5.99	6.11	4.05	2.99	1.95	58.49	-
	WIND	1603	1268	1448	1269	1042	602	647	539	853	715	1011	1236	12233	-
FAIRHOPE	EVAP	1.75	2.18	3.56B	4.82B	6.62B	5.31B	5.06B	6.59	4.49B	3.04	2.82	1.79B	48.03	-
	WIND	1108	908	1086	1113	800	575	407	651	387	395	790	542	8772	-

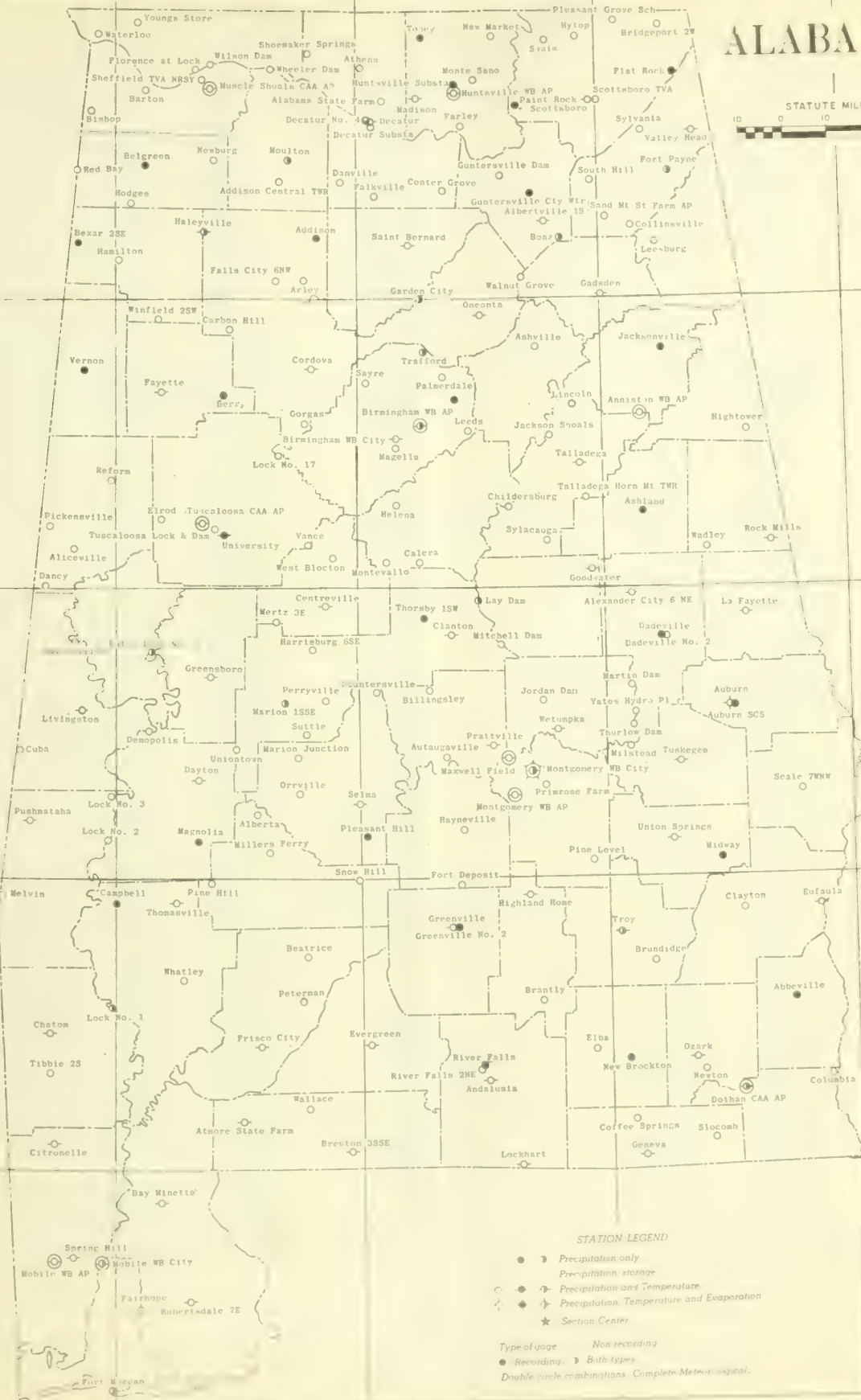
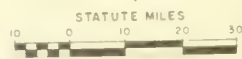
ACKNOWLEDGMENTS

In addition to the climatological data from some 6,000 Weather Bureau and cooperative weather stations, this bulletin series contains records from Hydroclimatic Network Stations which were formerly reproduced in the Hydrologic Bulletin Series. The Hydroclimatic Network is a nationwide net of rain gages--mostly of the recording type which produce continuous records of precipitation. It was established in 1939 at the request of the Corps of Engineers, Department of the Army, to supplement existing precipitation stations in order to provide records of rainfall intensity which were essential to the planning of flood control and related works by the Corps of Engineers. This Network, now numbering about 2,000 recording, and 1,000 non-recording rain gages, has been maintained by the Weather Bureau through working funds transferred annually to the Weather Bureau by the Corps of Engineers. These transfers averaged about \$250,000 per year between 1940 and 1944, and nearly \$375,000 since that date. For the years 1940-42, the Department of Agriculture transferred about \$100,000 per year to provide data required in its work, and since 1947 the Bureau of Reclamation has transferred about \$25,000 per year to meet the increasing needs of their program in the Western States.

Previous to the introduction of this bulletin series, data from Hydroclimatic Network stations were presented in bulletins (Hydrologic Bulletins) which were issued monthly for each of 8 drainage areas embracing the entire United States, but since the Network was established to meet the internal requirements of the Federal agencies referred to above, no provision was made for public dissemination of the data, distribution being limited to cooperating agencies and to certain public repositories. A list of locations where reference copies of the Hydrologic Bulletin Series are available for inspection may be obtained upon application to Chief, U. S. Weather Bureau, Washington 25, D. C.

Many other records published in this bulletin have been made available through the cooperation of various public offices, private agencies, and individuals as listed in the Station Index.

ALABAMA



STATION LEGEND

- Precipitation only
- Precipitation, storage
- Precipitation and Temperature
- Precipitation, Temperature and Evaporation
- ★ Section Center

Type of gage Non recording
 ● Recording ● Both types
 Double circle combinations Complete Meteorological

STATION INDEX

ALABAMA
1949

Station	Index No.	County	Drainage†	Latitude	Longitude	Elevation	Years of record			Opened or closed during yr.		Refer to tables	Station	Index No.	County	Drainage†	Latitude	Longitude	Elevation	Years of record			Opened or closed during yr.		Refer to tables
							Temp.	Precip.	Evap.	Month opened	Month closed									Temp.	Precip.	Evap.	Month opened	Month closed	
ABBEVILLE	0008	HENRY	5	31	34 85 15			5				2	LEEDS	4619	JEFFERSON	3	33	33 86 33	636		33			2	
ADDISON	0063	WINSTON	3	34	13 87 10			9				2	LESSBURG	4627	CHEROKEE	7	34	11 85 46	589		57			1 2 3	
ADDISON CENTRAL TOWER	0071	LAWRENCE	2	34	25 87 19	1500						2	LINCOLN	4734	TALLADEGA	7	33	37 86 07	510					1 2 3	
ALABAMA STATE FARM	0117	LIMESTONE	1	32	41 88 53	600				JAN		2	LIVINGSTON	4798	SUMTER	13	32	35 88 11	180	51	47			1 2 3	
ALBERTA	0040	WILCOX	1	32	14 87 25			9				2	LOCKHART	4822	COVINGTON	9	31	01 86 22	290	12	12			1 2 3	
ALBERTVILLE 1 S	0148	MARSHALL	12	34	16 86 13	1114	24	24				1 2 3	LOCK NO 1	4830	CLARKE	13	31	33 88 01	11	26				2	
ALEXANDER CITY 6 NE	0163	TALLAPOOSA	11	32	59 85 52	660	7	7				1 2 3	LOCK NO 2	4835	CHOCTAW	13	32	08 88 02	23	26				2	
ALICEVILLE	0178	PICKENS	13	33	08 88 10							2	LOCK NO 3	4840	CHOCTAW	13	32	17 88 01	33	26				2	
ANDALUSIA	0252	COVINGTON	6	31	19 86 30	346	12	12				1 2 3	LOCK NO 4	4845	TALLADEGA	7	33	38 86 11	510	54	58			1 2 3	
ANNISTON	0257	CALHOUN	7	33	10 85 50	724	59	59				1 2 3	LOCK NO 17	4855	TUSCALOOSA	2	33	29 87 20	280	11				2	
ANNISTON CAA AIRPORT	0272	CALHOUN	7	33	35 85 51	618	3	3				1 2 3	MADISON	4976	MADISON	12	34	42 86 45	373	56	56			1 2 3	
ARLEY	0338	WINSTON	2	34	04 87 13			12				2	MAGALLA	4996	JEFFERSON	3	33	30 86 51	654	13				2	
ASHLAND	0369	CLAY	11	33	16 85 50			9				2	MAGNOLIA	5004	WARENGO	1	32	08 87 39						2	
ASHVILLE	0377	ST CLAIR	7	33	50 86 16	880	34	34				2	MARION 1 SSE	5108	PERRY	2	32	37 87 18	263	58				2	
ATHENS	0390	LIMESTONE	12	34	48 86 59	709		9				2	MARTIN CUNCTION	5116	DALLAS	5	32	26 87 14	204	12				2	
ATMORE STATE FARM	0402	ESCAMBIA	8	31	10 87 29		6	6				1 2 3	MARTIN DAM	5140	TALLAPOOSA	11	32	40 85 55	340	25				2	
AUBURN	0422	LEE	11	32	36 85 30	732	58	6	3			1 2 3 4	MONTGOMERY	5202	MONTGOMERY	1	32	25 86 35	165	16				1 2 3	
AUBURN SCS 10	0427	LEE	11	32	36 85 29			6				2	MELVIN	5354	CHOCTAW	13	31	56 88 01						2	
AUTAGAUVILLE	0440	AUTAGA	1	32	36 86 39			9				2	MERTZ 3 E	5382	BIBB	3	32	53 87 20	600	9				2	
BARTON	0546	COLBERT	12	34	43 87 52	463				JAN		2	MIDWAY	5397	BULLOCK	5	32	04 85 32						2	
BAY MINETTE	0583	BALDWIN	9	30	53 87 47	268	25	31				1 2 3	MILLERS FERRY	5417	WILCOX	1	32	06 87 22	78	19				2	
BEATRICE	0616	MONROE	1	31	44 87 13			8				2	MILLY	5427	WASHINGTON	13	31	38 86 19	362	25				1 2 3	
BELOREN	0631	FRANKLIN	12	34	28 87 52	910	14					2	MILSTEAD	5438	MACON	11	32	27 85 54	206	49				2	
BELLE MINA 2 N	0655	LIMESTONE	12	34	42 86 54	600				DEC		1 2 3	MITCHELL DAM	5465	CHILTON	7	32	48 86 27	350	13				2	
BERRY	0748	FAYETTE	2	33	40 87 36			9				2	MOBILE WB AIRPORT	5478	MOBILE	9	30	41 88 14	212	6				1 2 3	
BETAR 2 SE	0790	MARION	13	34	12 88 09		4					2	MOBILE WB CITY	5483	MOBILE	9	30	42 88 02	10	78	79			1 2 3	
BILLINGSLEY	0823	AUTAGA	1	32	40 86 43							2	MONTE SANO	5529	MADISON	12	34	45 86 31	1650	10				2	
BIRMINGHAM WB AIRPORT	0831	JEFFERSON	1	33	34 86 45	610	12	12				1 2 3	MONTGOMERY	5537	SHELBY	3	33	06 86 53	462	9				2	
BIRMINGHAM WB CITY	0836	JEFFERSON	2	33	32 86 50	694	62	62				1 2 3	MONTGOMERY WB AIRPORT	5550	MONTGOMERY	1	32	18 86 23	198	6				1 2 3	
BISHOP	0854	COLBERT	12	34	39 88 05	470	12					2	MONTGOMERY WB CITY	5555	MONTGOMERY	1	32	23 86 18	201	78	78			1 2 3	
BOAZ	0957	MARSHALL	2	34	13 86 10			9				2	MOULTON	5625	LAWRENCE	12	34	29 87 17	630	11				2	
BRANTLEY	1069	CRENSHAW	6	31	35 86 16	284	20					2	MUSCLE SHOALS CAA AIRPORT	5749	COLBERT	12	34	44 87 36	540	60	66			1 2 3	
BRENTON 3 SSE	1084	ESCAMBIA	6	31	04 87 03	85	32	35				1 2 3	MUSCLE SHOALS	5842	COFFEY	5	31	23 85 56						2	
BRIDGEPORT 2 W	1099	JACKSON	12	34	56 85 44	660						2	NEW MARKET	5847	FRANKLIN	12	34	28 87 35	660	9				2	
BRUNSDIDGE	1178	PIKE	5	31	43 85 49	515	20					2	NEW MARKET	5862	MADISON	12	34	54 86 26	725	7		JAN		2	
CALERA	1288	SHELBY	7	33	06 86 45	500	50					2	NEWTON	5875	DALE	5	31	20 85 37	216	34				2	
CAMPBELL	1315	CLARKE	13	31	55 87 59			9				2	ORENTO	6121	BLOUNT	2	33	57 86 30	857	39	48			1 2 3	
CAMP HILL 2 NW	1324	TALLAPOOSA	11	32	50 85 39	680				DEC		1 2 3	ORVILLE	6161	DALLAS	5	32	18 87 14	200	9				2	
CARBON HILL	1377	WALKER	2	33	54 87 32	430	11					2	OZARK	6218	DALE	5	31	23 85 39	400	48	60			1 2 3	
CENTER GROVE	1492	MORGAN	12	34	23 86 38	780	15					2	PALMIT ROCK	6226	JACKSON	12	34	40 86 20	510	14				2	
CENTER STAR	1497	LAUDERDALE	12	34	49 87 25	600				JAN	APR	2	PALMERDALE	6246	JEFFERSON	3	33	44 86 39						2	
CENTREVILLE	1520	BIBB	3	32	57 87 08	230	33	33				1 2 3	PERRYVILLE	6362	PERRY	2	32	32 87 11						2	
CHATON	1556	WASHINGTON	13	31	28 88 15					APR		1 2 3	PETERMAN	6370	PETERMAN	1	31	35 87 16						2	
CHILDRRESSBURG	1615	TALLADEGA	7	33	17 86 21	540	13					2	PICKENSVILLE	6414	PICKENS	13	33	13 86 16						2	
CITRONVILLE	1685	MOBILE	9	31	05 88 14	351	61	62				1 2 3	PINE HILL	6460	WILCOX	1	31	59 87 36	110	9				2	
CLANTON	1694	CHILTON	7	32	51 86 38	590	57	57				1 2 3	PINE LEVEL	6468	MONTGOMERY	6	32	04 86 04						2	
CLAYTON	1725	BARBOUR	4	31	53 85 27	590	22					2	PLANTERSVILLE	6508	DALLAS	5	32	39 86 56						2	
COFFEY SPRINGS	1807	GENEVA	4	31	10 85 55	573	27					2	PLEASANT GROVE SCHOOL	6521	JACKSON	12	34	57 85 55	633	10		MAY		2	
COLLINSVILLE	1849	DE KALB	7	34	15 85 52	734	12					2	PLEASANT HILL	6526	DALLAS	1	32	09 86 58						2	
COLUMBIA	1865	HOUSTON	5	31	18 85 06	130	14					2	PRATTVILLE	6640	AUTAGA	1	32	28 86 28	281	51	48			1 2 3	
CORDOVA	1940	WALKER	2	33	46 87 11	334	29	47				1 2 3	PRIMROSE FARM	6684	MONTGOMERY	1	32	20 86 15	180	29				2	
CUBA	2079	SUMTER	13	32	56 88 23	215	10					2	PUSHMATAHA	6719	CHOCTAW	13	32	12 88 21						1 2 3	
DADEVILLE	2119	TALLAPOOSA	11	32	50 85 45	760	3					2	RED BAY	6805	FRANKLIN	12	34	27 88 09	527	59	59			1 2 3	
DADEVILLE NO 2	2124	TALLAPOOSA	11	32	50 85 46							2	REFORM	6847	PICKENS	13	33	23 88 01						2	
DANCY	2141	PICKENS	13	33	01 88 17	708	44					2	RIVER FALLS	6937	COVINGTON	6	31	21 86 32						2	
DANVILLE	2149	MORGAN	4	34	25 87 04	595				JAN		2	RIVER FALLS 2 NE	6942	COVINGTON	6	31	23 86 33						2	
DARTON	2188	WARENGO	13	32	21 87 39		2	10				1 2 3	ROBERTSDALE 7 E	6988	BALDWIN	9	30	33 87 48	148						

U. S. DEPARTMENT OF COMMERCE

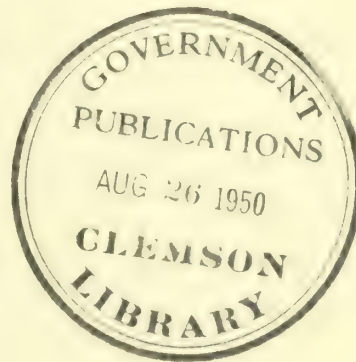
CHARLES SAWYER, Secretary

WEATHER BUREAU

F. W. REICHELDERFER, Chief

CLIMATOLOGICAL DATA

ALABAMA



JANUARY 1950

Volume LVI No. 1



A. R. Long, Section Director - Montgomery

Weather Summary

In all sections of the State this was the warmest January ever recorded. The State mean temperature this year was 60.2°. The second highest mean January temperature for Alabama was 58.7° in 1937. It is true that the mean at Gadsden was not quite as high as in 1937, but this is due mostly to a different location and partly to daily readings at that station being made in the early morning instead of in the late afternoon, as was done in 1937. At the old Birmingham City Office of the Weather Bureau, the mean this January was 3.4° higher than ever recorded before, while at Montgomery, the mean was 2.4° higher than any previous record. The mean at Mobile was 65.2°, which was 2.2° warmer than the second warmest January at that station, and 4.8° higher than the normal for Tampa, Florida. At each of the three old first order stations, maximum temperature records for several individual dates were broken, but for the month as a whole, no new absolute high records were established.

Temperature changes in the extreme north were more pronounced and more frequent than in the south, but even in that area freezing occurred only on the 7th, 8th, and 20th. Temperatures of 32° or lower occurred in a few localities in the Southern Division, and at the majority of stations in the Middle Division, on the 8th.

Rainfall for the month was heavy in the northwestern third of the State, but light in the southeastern two thirds, as shown by the chart below. Heavy flood producing rain fell in the Warrior and Tombigbee watersheds on the 5th and 6th, and throughout most of the month precipitation was heavier and more frequent in the north than in the south.

Under the influence of continued mild temperatures, winter grains, legumes, and wild pasture grasses, overcame the setback due to the late autumn drought, and were making heavy growth at the end of the month. Pear trees were in full bloom at this time, and much other vegetation was abnormally advanced, but most deciduous trees showed little tendency to bud out since they had not been dormant a sufficient length of time.

In the northwest and extreme north, little field work was accomplished on account of wet soil. Elsewhere good progress was made breaking land and the planting of Irish potatoes near the coast was nearly completed.

Although there was considerable flooding in the Warrior and Tombigbee Rivers as a result of the rain on the 5th and 6th, these streams are normally frequented by winter floods, and damage was not heavy. There was much loss of grazing time by cattle which had to be driven from extensive areas, but in the long run, this is more than compensated for by the enrichment of the soil by flood water.

No severe local storms were reported.

FCP

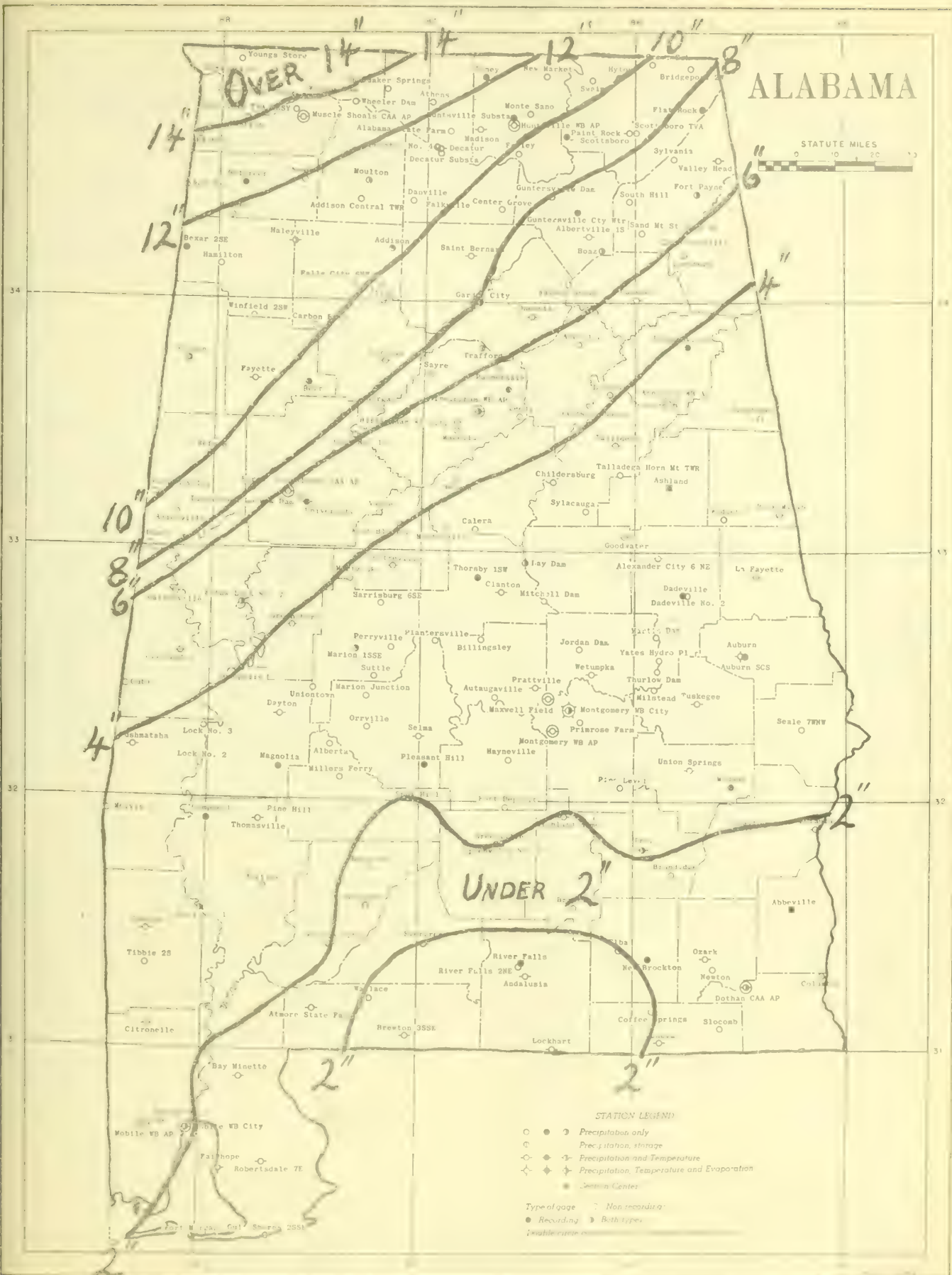
ACKNOWLEDGMENTS

In addition to the climatological data from some 6,000 Weather Bureau and cooperative weather stations, this bulletin series contains records from Hydroclimatic Network Stations which were formerly reproduced in the Hydrologic Bulletin Series. The Hydroclimatic Network is a nationwide net of rain gages--mostly of the recording type which produce continuous records of precipitation. It was established in 1939 at the request of the Corps of Engineers, Department of the Army, to supplement existing precipitation stations in order to provide records of rainfall intensity which were essential to the planning of flood control and related works by the Corps of Engineers. This Network, now numbering about 2,000 recording, and 1,000 non-recording rain gages, has been maintained by the Weather Bureau through working funds transferred annually to the Weather Bureau by the Corps of Engineers. These transfers averaged about \$250,000 per year between 1940 and 1944, and nearly \$375,000 since that date. For the years 1940-42, the Department of Agriculture transferred about \$100,000 per year to provide data required in its work, and since 1947 the Bureau of Reclamation has transferred about \$25,000 per year to meet the increasing needs of their program in the Western States.

Previous to the introduction of this bulletin series, data from Hydroclimatic Network stations were presented in bulletins (Hydrologic Bulletins) which were issued monthly for each of 8 drainage areas embracing the entire United States, but since the Network was established to meet the internal requirements of the Federal agencies referred to above, no provision was made for public dissemination of the data, distribution being limited to cooperating agencies and to certain public repositories. A list of locations where reference copies of the Hydrologic Bulletin Series are available for inspection may be obtained upon application to Chief, U.S. Weather Bureau, Washington 25, D.C.

Many other records published in this bulletin have been made available through the cooperation of various public offices, private agencies, and individuals as listed in the Station Index.

TOTAL PRECIPITATION DISTRIBUTION FOR JANUARY 1950



SUPPLEMENTAL DATA

ALABAMA
JANUARY 195

Station	Wind direction		Wind speed m. p. h.				Relative humidity averages - percent				Number of days with precipitation								Percent of possible sunshine	Average sky cover sunrise to sunset	Degree days 65 base
	Prevailing	Percent of time from prevailing	Average	Fastest mile	Direction of fastest mile	Date of fastest mile	12:30 a CST	6:30 a CST	12:30 p CST	6:30 p CST	Trace	.01-09	10-49	50-99	100-199	200 and over	Total				
ANNISTON WB AIRPORT	ENE	19	9.1	-	-	-	85	91	75	84	6	6	6	3	0	0	21	-	8.9	246	
BIRMINGHAM WB AIRPORT	S	23	10.3	33	NW	26	85	89	75	79	10	5	9	1	1	0	26	17	8.9	218	
MOBILE WB CITY	SE†	23†	13.1	31	SE	25	92†	96†	69†	88†	0	4	1	2	1	0	8	39	7.2	68	
MONTGOMERY WB CITY	S†	19†	7.9	21	SW	10	89†	93†	66†	76†	10	6	2	0	1	0	19	31	8.1	121	
† AIRPORT DATA																					

COMPARATIVE DATA

Table 1

Year	Temperature			Precipitation		Year	Temperature			Precipitation		Year	Temperature			Precipitation	
	Average	Highest	Lowest	Average	No. of days .01 or more		Average	Highest	Lowest	Average	No. of days .01 or more		Average	Highest	Lowest	Average	No. of days .01 or more
1884	38.8	74	4	5.58	-	1909	50.4	82	3	2.09	7	1934	50.2	79	5	3.71	9
1885	43.2	76	7	8.77	10	1910	45.9	79	7	3.53	6	1935	48.8	81	7	2.53	7
1886	37.3	72	-7	7.05	7	1911	50.9	82	-2	4.23	7	1936	45.7	80	-11	12.34	13
1887	43.5	77	1	4.17	6	1912	40.8	79	-6	6.03	8	1937	58.7	86	22	8.54	16
1888	46.1	78	10	4.76	10	1913	52.2	86	19	6.12	11	1938	48.1	81	11	3.39	9
1889	46.0	81	15	6.06	10	1914	48.0	82	16	2.19	5	1939	51.0	80	21	4.81	10
1890	56.1	84	17	3.13	7	1915	43.7	81	15	6.17	9	1940	34.2	75	-16	4.34	8
1891	45.4	80	18	5.51	11	1916	52.9	84	6	3.97	8	1941	48.1	79	17	2.74	7
1892	41.4	77	10	7.75	8	1917	50.6	84	13	6.60	14	1942	43.3	78	0	3.37	6
1893	40.5	79	-8	2.68	4	1918	38.2	79	-17	7.35	10	1943	49.4	85	11	4.07	7
1894	50.1	82	3	4.60	10	1919	44.5	77	-11	5.84	9	1944	47.1	83	1	3.62	8
1895	44.1	81	1	7.41	12	1920	48.0	81	10	6.80	12	1945	46.9	77	13	4.00	9
1896	44.5	78	9	4.22	7	1921	50.0	79	18	3.23	7	1946	48.4	80	11	8.42	13
1897	43.0	83	-7	3.53	7	1922	47.4	79	15	7.06	13	1947	51.1	83	17	10.07	16
1898	49.8	88	11	4.04	10	1923	52.1	81	23	4.00	8	1948	40.4	77	1	4.52	11
1899	44.8	81	10	5.66	11	1924	41.8	75	-2	6.67	8	1949	54.3	85	15	6.58	
1900	44.4	74	6	3.33	6	1925	48.4	82	14	9.67	12	1950	60.2	83	22	4.58	
1901	46.5	75	19	5.20	8	1926	45.3	77	13	8.23	10	Period	46.9			4.86	
1902	43.6	76	10	3.82	8	1927	49.2	85	4	1.14	4						
1903	44.0	84	10	3.57	8	1928	45.0	81	-2	1.57	5						
1904	42.1	73	9	4.27	8	1929	48.9	84	13	5.67	10						
1905	39.5	77	1	5.24	8	1930	46.0	82	1	4.45	8						
1906	47.6	80	15	4.66	9	1931	45.0	78	11	3.11	6						
1907	54.7	84	13	2.19	6	1932	53.5	83	18	7.20	10						
1908	44.7	78	10	4.33	9	1933	52.6	81	18	3.17	7						

See reference notes following Station Index

CLIMATOLOGICAL DATA

ALABAMA
JANUARY 1950

Table 2

Station	Temperature										Precipitation											
	Average	Departure from Normal	Highest	Date	Lowest	Date	No. of Days		Total	Departure from Normal	Greatest Day	Date	Snow, Sleet, Hail			No. of Days						
							Max 90° or above	Min. 32° or below					Total	Max. Depth on Ground	Date	.01 or more	.25 or more	1.00 or more				
NORTHERN DIVISION																						
ALBERTSVILLE 1 S	55.4	11.7	76	26	25	8	0	3	7.21	-2.06	2.21	6	0			10	4	4				
ANNISTON WB AIRPORT	57.7		80	25	28	8	0	2	4.50	-0.65	0.99	10	0			15	6	0				
BELLE MINA 2 N	54.2M		77	26	25	8	0	4	10.57		4.23	6	0			15	9	2				
BIRMINGHAM WB AIRPORT	58.9	16.1	78	24+	30	8	0	2	4.51	-1.01	1.75	6	0			16	5	1				
BIRMINGHAM WB CITY	60.0	14.9	78	24+	30	7	0	2	5.43	-0.09	2.35	6	0			20	5	1				
CORDOVA	59.7	14.7	80	30	30	7	0	1	8.34	3.15	3.81	6	0			9	6	3				
DECATUR	55.9	13.5	78	25	28	7+	0	3	10.09	5.46	4.62	6	0			20	9	2				
FAYETTE	57.0		79	27	26	7	0	2	11.32	6.12	6.14	6	0			15	6	3				
GADSDEN	54.6	11.0	80	26	23	8	0	2	4.73	-0.45	0.83	7	0			18	6	0				
GOODWATER	57.5	11.8	79	26+	31	8	0	2	2.91	-2.36	0.76	11	0			13	4	0				
HALEYVILLE	56.0		77	26	23	7	0	3	11.41		5.14	6	0			15	7	3				
HUNTSVILLE	54.9		77	25	26	8	0	3	9.08	4.35	3.29	5	0			18	8	2				
LINCOLN	59.1M		80	25	24	8	0	1	5.00		0.83	10	0			11	7	0				
MADISON	55.9	13.7	78	25+	26	8	0	3	9.76	5.13	3.75	6	0			17	8	2				
MUSCLE SHOALS CAA AIRPORT	53.9	12.0	77	25+	24	7	0	4	13.09	8.23	3.39	5	0			21	14	3				
ONEONTA	55.4	12.6	78	28+	28	8	0	3	6.36	1.10	1.50	7	0			11	8	1				
ROCK MILLS	57.9		80	25	24	8	0	1	3.32	-1.68	1.85	11	0			16	3	1				
SAINT BERNARD	54.0	10.9	76	26	27	9	0	5	8.88	3.37	3.35	6	0			20	10	2				
SAND MTN STA FARM AIRPORT	54.5		76	25	24	8	0	2	7.48		2.78	6	0			15	8	2				
SCOTTSBORO	55.9	13.2	78	24+	27	8	0	3	8.56	3.74	3.22	6	0			16	8	2				
TALLADEGA	59.1	13.0	80	25	24	8	0	1	3.78	-1.12	0.94	10	0			14	5	0				
TUSCALOOSA CAA AIRPORT	60.6	15.3	81	24+	27	8	0	2	5.26	-0.19	2.24	6	0			18	6	1				
UNIVERSITY	59.7	14.4	79	24+	29	7	0	2	5.33	0.26	2.32	6	0			17	5	1				
VALLEY HEAD	54.5	13.6	77	25+	22	8	0	2	6.16	1.31	2.08	6	T	T	21	9	6	3				
DIVISION	56.8								7.21				T									
MIDDLE DIVISION																						
ALEXANDER CITY 6 NE	59.3		79	25+	23	8	0	1	3.43		0.83	10	0			14	5	0				
AUBURN	58.9	10.7	79	26	30	8	0	1	2.79	-1.81	1.68	11	0			9	2	1				
CAMP HILL 2 N	58.4		79	26	22	8	0	2	2.71		0.90	10	0			7	4	0				
CENTREVILLE	62.6M	16.0	80	24+	30	8	0	1	3.39	-1.98	1.29	11	0			11	3	1				
CLANTON	59.3	12.8	80	31	28	8	0	3	2.36	-2.84	0.85	11	0			7	3	0				
DAYTON	63.4		81	26	28	8	0	2	2.80		0.88	16	0			11	0	0				
EUFAULA	63.5	15.2	82	26	29	8	0	1	1.87	-2.48	1.44	11	0			3	2	1				
GREENSBORO	61.6	14.7	80	24+	28	8	0	2	2.60	-2.35	0.86	10	0			10	4	0				
GREENVILLE	64.6	15.7	81	26	34	8	0	0	2.03	-2.48	0.62	11	0			11	3	0				
HIGHLAND HOME	64.3	14.2	81	26	33	8	0	0	1.71	-3.00	0.58	11	0			10	2	0				
LA FAYETTE	59.4		80	25+	26	8	0	1	2.48				0			10	0	0				
LIVINGSTON	61.7	16.3	81	31	27	8	0	2	4.77	0.24	2.55	6	0			10	4	0				
MAXWELL FIELD	63.0		80	24+	33	8	0	0	2.35		1.29	10	0			7	0					
MONTGOMERY WB AIRPORT	62.1		81	24+	30	8	0	1	2.21		1.34	10	0			11	2	1				
MONTGOMERY WB CITY	62.8	14.6	81	30	35	8	0	0	2.23	-2.97	1.37	10	0			9	2	1				
PRATTVILLE	62.2	14.0	82	30	34	7	0	0	2.20	-2.74	0.68	6	0			8	3	0				
PUSHMATAHA	61.5	12.9	83	27	28	8	0	3	2.48	-2.95	0.75	17	0			5	4	0				
SELMA	63.9	14.5	83	30	30	8	0	1	2.61	-2.07	0.78	11	0			10	3	0				
THOMASVILLE	63.0	14.5	83	26	31	7+	0	2	3.45	-1.56	1.25	11	0			5	4	1				
TROY	62.9M	11.8	81	27+	34	8	0	0	2.69	-2.10	1.08	11	0			9	3	1				
TUSKEGEE	61.2	12.0	81	27	30	8	0	1	2.52	-1.76	1.38	11	0			12	2	1				
UNION SPRINGS	62.8M	14.7	81	30	34	8	0	0	3.80	-0.70	2.30	11	0			9	3	1				
WETUMPKA	62.4	13.7	80	30+	31	8	0	1	2.66	-1.90	1.24	11	0			7	3	1				
DIVISION	61.9								2.70				0									
SOUTHERN DIVISION																						
ANDALUSIA	64.9		82	17+	36	8	0	0	2.16		0.72	7	0			13	3	0				
ATMORE STATE FARM	66.5		82	30	35	7+	0	0	1.32		0.60	11	0			4	2	0				
DAY MINETTE	65.9	13.0	81	24	35	8	0	0	1.77	-2.76	0.81	11	0			8	2	0				
BREWTON 3 SSE	65.1	15.6	83	16	28	8	0	1	3.08	-1.62	0.82	4	0			9	5	0				
CRATON	63.9		83	26	27	8	0	2	3.00		0.85	6	0			11	3	0				
CITRONELLE	65.5	13.0	82	30	34	7+	0	0	4.31	-0.79	2.15	10	0			8	5	1				
DOTYAN CAA AIRPORT	65.0		82	16+	34	8	0	0	1.71	-2.78	0.81	11	0			8	2	0				
EVERGREEN	65.7M	15.1	82	27	36	7	0	0	2.14	-2.36	0.63	7	0			10	3	0				
EVERGREEN CAA AIRPORT	63.8	16.3	82	24+	31	8	0	1	1.53	-2.97	0.64	10	0			8	2	0				
FAIRHOPE	64.0	10.8	81	16+	33	7	0	0	1.07	-3.09	0.55	11	0			4	2	0				
FORT MORGAN	66.1		77	25+	44	8	0	0	0.96		0.60	6	0			3	2	0				
FRISCO CITY	65.1M		80	25+	30	8	0	1	2.52	-1.98	1.21	11	0			8	3	1				
GENEVA	65.2		83	27	32	8	0	1	1.58	-2.97	0.61	11	0			11	1	0				
LOCKEAT	65.2		92	28	35	8	0	0	4.39		1.95	28	0			14	3	1				
MOBILE WB AIRPORT	64.6		79	16+	34	8	0	0	2.22		1.37	6	0			8	2	1				
MOBILE WB CITY	65.2	13.7	78	19	38	7	0	0	2.87	-1.98	1.11	27	0			8	3	1				
OZARK	65.2	14.4	81	16+	34	8	0	0	2.70	-1.75	0.57	7+	0			11	4	0				
ROBERTSDALE 7 E	66.0		78	5+	37	7	0	0	1.30	-3.41	0.52	10	0			9	2	0				
SPRING HILL	64.6M	12.6	81	17	34	8	0	0	1.82	-2.55	1.22	7	0			3	2	1				
DIVISION	65.1								2.23				0									
STATE	60.2	13.3							4.58	-0.28												

See reference notes following Station Index.

DAILY PRECIPITATION

Table 3

ALABAMA
JANUARY 1950

Station		Day of month																															Total	
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
ALEXANDER CTY 6 NE				.30	.10	.70	.03				.83	.40	.04	.10	.05		.67	.04		.10					.13		.03		.04				3.43	
ABBEVILLE	R			.70	3.82	2.12	.45				.19	.69	.45				.19	.69	.45								.67		.02	.01		.02	20	10.09
ADDISON	R		.05								.89	*	*	.95	*			.89	*	*	.95	*												10.74
ADDISON CNTRL TOWER				.09	.04							1.07			.17																		3.33	
ALBERTA																																		
ALBANYVILLE 1 S				.06	.05	2.21	1.09				*	*	*	*	1.70				.10	.20								1.71	.05	.04			7.21	
ALICEVILLE				.07			.65					.76			.45													1.35					10.18	
ANDALUSIA				.19	.03	.15	.72					.30	.03	.09					.09	.04	.27							.08	.09		.08		2.16	
ANNISTON WB AIRPORT		.03		.04	T	.74				.15	.99	.05	.04	.04	.24	T	.38	.91	T	.33								.31	.09	T		.16	4.50	
ARLEY	T		.05	.19	.75	4.81	.79				.20	.69	.35	.19	.38				.09	.20	.25							1.38			.20		10.92	
ASHLAND	//R			.28	.03	.67					.76			.08	.12	.10	.34	.33		.18								.25			.03		3.17	
ASHVILLE				.14	.21	.45	1.33				.12	.64	.15	.04	.33		.21	.21	.13	.10								.45	.08				4.47	
ATHENS			.53		.01	2.06	3.84	1.09			.12	.60	.34	.50	.43		.35	.10	.87	.64	.05							.55	.08		1.80	.06	14.25	
ATMORE STATE FARM	Z			.10		.60									.07	.05																	1.32	
AUBURN	R			.04	.02		.68					1.68	.02	.12									.05				.06						2.79	
AUBURN SCS 10						.71				1.57				.05	.08					.04											.10		2.63	
BARTON			.08	.12	1.75	1.98	2.10			.38	1.86	.72	.23	.42			1.16	.93	1.12	2.10	.15							.18	1.52	.23	.03	17.06		
BAY MINETTE				.21		.55					.81						.05											.04			.02	.05	1.77	
BEATRICE						.10	.05	.85																				.50	.08					
BELGREEN	R		.11	.05	.56	3.68	2.59	.13			.81		1.21	.49	.05	.32	.08	.35	.45	.04								.12	.14	*	.16	.51	.30	12.15
BELLE MINA 2 N				.28	1.42	4.23	.62					.87	.52	.58			.18	.10	.18	.68								.63	.10		.12	.06	10.57	
BERRY	R	-	-	-	-	2.41	3.11			.08	.93		.08	.14	.15			.32		.06	.11							.56	.20					3.00
BEAR 2 SE	R		.02	.10	.75	4.61	2.84	.03		.02	.72	.02	.67	.42			.02	.02	.02	.06								.11			.03		10.61	
BILLINGSVILLE							.80								.20			.48																
BIRMINGHAM WB APT	Z	.02				.33	1.75			.20	.91	.01	.04	.11	.21	.17	.13	.08	T	.22	T	T					.07	T		.15	T	.11	T	4.51
BIRMINGHAM WB CITY				.07	.15	2.35	.03			.20	.92	.06	.04	.01	.32	.14	.22	.13	T	.28	T	T	.01					.28	.02	.04	.13	.03	5.43	
BISHOP		.18	.30		.05	2.10	2.20	.55			.05	.85	.60	1.20	.50		.65		.67	.50								.35			1.70	.10	12.55	
BRANTLY				.10	.05	.08	.42					.52		.20																			1.37	
BREWTON 3 SSE				.82	.12		.44					.35		.07	.10				.04	T	.64	T											3.08	
BRUNDRIDGE				.09	T		.87					.45		.03							.18	T											1.97	
CALERA				.07	.03	.01	.98			.05	1.10	*	.06	.13	.02	.09		.45	.04	.09		.04							.13	.03				3.32
CAMDEN																	.28	.05																
CAMPBELL	R	-	-		.04	.06	.90				.85	.10			.16	.14													.02	T	.01			2.88
CAMP HILL 2 N				.15		.53					.90	.45	.03							.03														
CARSON HILL			.10	.25	.65	6.00	1.00						1.45	.30	.55		.40	.15	.18	.05	.40								.90	.10	.12	.10	.07	12.77
CENTER GROVE			.10	T	.17	.19	2.22	.20			.17	1.08	.20	.19	.50		.17	.22	.34	.10	.34					.19		1.12	.28	.19	.42	T	8.39	
CENTREVILLE					.02	.20	.94				.08	1.29	.02		.22		.30	.21		.03									.08					3.39
CHATAM				.04	.15	.85					.06	.81			.12	.14	.70	.04											.05					3.00
CHILDERSBURG		.02		.03			.85				.04	1.03	.02		.18		.15	.65	.40		.15								.27		.05			3.84
CITRONELLE			T	.25	.08	.86					2.15	.09					.04	.33											.51					4.31
CLANTON							.66				T	.85	T	T	.20		T	.45	T		.12	T												2.36
CLAYTON							.32					.79																						1.86
COFFEE SPRINGS				T								.60			.10					.40														
COLLINSVILLE				.08	.17	.55	1.52				.15	.55	.21	.24	.40		.37	.16	.12	.11	.60					.70			1.50	.27	.02	.03		7.05
COLUMBIA							.15					.06	.49						.02	.05														.80
CORDOVA				.14		3.81	1.09				.14	.83	T		.45		.11		.43															8.34
CUBA	T			.09	.24	1.34	1.20				T	.58	.03		.13		.23	.07			.04								.58					4.33
DADEVILLE				.02	.20	.13	.52					1.05	.05		.20		.05	.40	.01		.06													2.69
DADEVILLE NO 2	R			.21		.57					.96	.04		.11	.06		.41	.01		.03														2.40
DANCY	.06			.27	2.65	4.01					.27	.40		*	.38			.01										*	1.65		.20		.06	9.96
DANVILLE			.05	.10	.01	5.32	1.25				.05	.90	.14	.11	.40		.10	.03	.10	.18	.11								.63	.13		.07	.15	10.83
DAYTON				.03			.53			.02	.68	.13	T		.17	.20	.88	.04		T														12.80
DECATUR	.02	.19	.02	1.25	4.62	.94					.02	.83	.29	.19	.26	.14	.03	.35	.31										.33	.13	.03	.09	.05	10.09
DECATUR NO 4		.22	.05	1.30	5.50	1.03					.																							

DAILY PRECIPITATION

ALABAMA
JANUARY 1950

Station		Day of month																															Total	
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
MARION 1 SSE					.09							1.09		.12		.16	.19			.09								.12				2.82		
MARION JUNCTION					.03	.09	.12	.64			.05	1.08	.02		.13	T	.02	.68			.17							.04				2.67		
MARION LAKE					.09	T	*	.57			1.29	.77	.04		.14		.04	.22		T	.03											2.12		
MARION TOWN						.20	.02	1.08				.98	.02	T		T	.42	.34	.02			.03	T			T			.32		.06	T	3.55	
MARION 3						.32			1.23		.08	1.18			.21	.08	.36												.46				3.94	
MARION 4							.54				1.37	.05			.02	.04										.17			.60				2.79	
MARION FERRY							.89				.58	-			.10		.22	.51			.05												2.03	
MARION LAKE					T		.15	.05	.44		1.24	T	-		.10											T							2.03	
MARION TOWN					.04	.21	.03	.68				.47			-																		2.03	
MOBILE WB AIRPORT					.08	T	1.37			.01	.51	T		T	.04			.01	T	.03	T								T	T		.17	2.26	
MOBILE WB CITY					.01	.02		.87			.61				.08				.01	.16									1.11				2.87	
MONROE LAKE					.46	.04	.45	4.90	.87		.40	.80	.40	.30	.94	.20	.10		.32	1.13	.06							.35	.15	.05	.16	.05	12.12	
MONTGOMERY 4E APT						.13	.03	.46			1.34	.05		.02	T		.01	T	.11	T		.03			T		T		.01	T			2.21	
MONTGOMERY WB CITY	Z				T	.16	.05	.45			T	1.37	.02	.07	.07	T	T	.01	T		.03								T	T			2.23	
MOULTON				.2	.03	1.45	4.67	2.05	.01	.06	.74	.03	.30	.31	.06		.11	.10	.17	.34								.25	.27	.03		.11	.06	11.17
MUSCLE SHOALS CAA A	R	.02	.19	T	.53	3.39	1.75	.64			.04	.76	T	.98	.48	.02	.31	.27	.60									.25	.03	.02	1.64	.59	.40	13.09
NEW BROCKTON							.69				.05	.16						.05	.05									.08					1.69	
NEWBURN					.03	1.72	4.35	1.87			.03	.78	.40	.75	.46		.46		.15	.28								.28			.30		11.63	
NW MARKET					.28		.57	3.70	.83		.19	.70	.22	.15	.74		.35		.23	1.10	.06				.05			1.03	.16		.80	.10	11.26	
NEWTON									.32			.02			.03					.11							.08	.02		.03			.81	
ONEANTA							.99	1.50			.22	.70	.77	.04	.38			.47	.24		.25												6.36	
ORVILLE							.28				1.51	.25		.11			.70	.21	.14														.06	2.66
OSAGE				.03				.57			.44	.03		.47				.21	.14														2.70	
PAINT ROCK	R		.20	.02		2.94	1.52	.57		.54	.86		.93	.31	.27		.06	.06	.20	.22								.33	.38	.05	.06		.32	9.27
PALM BEACH						.18		2.09				.93			.35		.40					.45							.49			.97	5.86	
PERDUEVILLE							.62				.05	.83			.38		.28																2.20	
PETTERSON	R				.04	.01	.74				.58	.06			.06		.07																1.81	
PICKENS HILL						.70	6.60	.60			.21	.70	T		.33		T	.08			.14								.71		.19		10.27	
PINE HILL						.85						.75			.27			.60																
PINE LEVEL								.61			1.56		.05		.13		.05															.14	2.49	
PLANTERSVILLE								.65			.10	.85	.05		.13			.62															2.72	
PLASANT GROVE SCH		.19	.12	.05	2.85	.85			.22	.67	.03	.22	.19	.58		.17	.02	.28	.84										1.03	.07	.03	.30	.01	8.49
PLEASANT HILL	R									.65	.03			.03			.02																	
PRATTVILLE					.36	.15	.68				.55			.12	.08			.18				.08											2.20	
PRIMROSE FARM					.12	.03	.19	.48				1.80	.01									.01	.03										2.67	
PUSHMATAHA								.48				.73																						
RED BAY			.35			1.88	3.63	.56		.31	.88	.80	.39	.58		.41		.50	.15										.46			.06	12.44	
REDFORD		.04	T		.12	.83	4.94	1.91		.09	1.01	.05	T	.29	T		.14				.24								.69		.01	T	10.36	
RIVER FALLS					.12	.19	.31	.24			.18	.07			.71			.44			.11									.41		.33	9.11	
RIVER FALLS 2 NE	R													.24	.06			.24																
ROBERTSDALE 7 E		.01	.03	.11		.46				.52										.08													1.30	
ROCK HILLS				.02	.07	.01	.52				1.85	.06	.04	.28		.04	.23	.04	.02	.07		.03											3.32	
SAINT BERNARD				.04	.14	.05	3.35	.82			.34	.83	.25	.22	.41	.02	.32	.05	.11	.33	.26	.05											6.88	
SAND MTN STA FRM AP					.28	.13	2.78			.10	.60		.38	.05	.42	.02	.19	.28	.04	.92										1.22	.02	.05		7.48
SAYRE		.04		.06	.17	1.47	.97			.09	.84	.05	.04	.30	.04	.10	.09	.23	.02	.39		.01								.64	.04		.05	5.84
SCOTTSBORO		.07	.22	.05	.21	3.22			.19	.92	.75		.70			.28	.27	.46															8.56	
SCOTTSBORO SUBSTA		T	.30	T	.02	2.25	.70				.25	.80	.25	.46	.74		.24	T	.21	.47	.03			T					.87	.26	T	T	7.85	
SEALE 7 NW				*	*	*	*				2.40																		*	*		.80		3.60
SELMA					.03	T	.08	T	.72		T	.78	.04	T	.11	T	.03	.60			.20	T							.03	T	.07		2.61	
SHEFFIELD TVA NRSY		.05	.25	.02	2.08	2.80	.67			.05	.95	.56	.36	.56		.52		.73	.14						.01				.27			2.35	.03	12.40
SHOFMAKER SPRINGS			.53		1.82	3.80	.64			.26	.93	.32	.81	.53		*	.53	.67	.93										.45			2.62	14.84	
SLOCUM							.53				.92	.64			T		.05	T	.72										.05				1.60	
SNOW HILL					.03	.12	2.24	1.05			.28	.44	.07	.18	.67		.33	.09	.12	.25										.34	.38	.48	.11	7.18
SOUTH HILL					.05			1.22				.55	T																				1.82	
SPRING HILL							.44				.08	.69	.02				.12	.53			.08												2.08	
SWAIN			.95	.15	.22	1.95	.95			.12	1.25	.15	.48	.90	.65	.64		.38	1.06						.02				.76	.15		.10	.18	11.06
SYLACAUGA																																		

ALABAMA
JANUARY 1950

Table 4

[illegible]

ALABAMA
JANUARY 1950

Table 2-Continued

See reference notes following Station Index.

HOURLY PRECIPITATION

ALABAMA
JANUARY 1950

A. M. Hour ending													P. M. Hour ending													Total	
Station	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12			
PETERMAN																										.58	
PLEASANT HILL																	.01	.19	.02	.38	.18					.65	
THORSBY 1 SW									.03	.02							.25	.20	.20	.06	.03	.01		.02		.80	
TONEY											.40	.10		.18	.08											.76	
TRAFFORD									.01	.01				.01	.48	.12	.06	.07								.76	
TROY												.10			.15											1.03	
TUSCALOOSA CAA APT	6							*	*		*			*	*	*	*	*	*	.72	.21	.31	.24	.01	.01		
UNIVERSITY										.02					.11	*	*	*	*							.85	
VERNON										.39	.40	.20	.02	.01												1.02	
-11th-																											
ABBEVILLE		.01			.10	.01	.32	.02								.21	.01	.01								.69	
ADDISON																							.01	*	*	.01	
ANNISTON WB AIRPORT	6	.03																		*	*	.01	*	*		.01	
BEXAR 2 SE																										.02	
BIRMINGHAM WB APT																						.01				.01	
CAMPBELL		.01		.04	.01	.02	.01	.01																		.10	
DADEVILLE NO 2																			.01		.01	.02				.04	
DOTHAN CAA AIRPORT									.06	.49	.21	.02														.78	
EUTAW LOCK NO 7																										.02	
EVERGREEN CAA APT	6	.64							*	*	*	*	*	.01		.02										.02	
GARDEN CITY																										.04	
GREENVILLE NO 2		.01																		.09			.02	.02		.34	
LOCK NO 1	//	.02					.11	.04	.05																	.10	
MAGNOLIA		.01	.01	.01	.01	.03	.01			.01	.02	.02														.22	
MIDWAY		.01																								.09	
MOBILE WB AIRPORT	6	.51																								.05	
MONTGOMERY WB APT	6	.39	*	*	*	*	*	.03	*	*	*	*	*	.02													.02
MONTGOMERY WB CITY							.01			.01																.02	
MOULTON								.03																		.03	
NEW BROCKTON		.08	.03	.04	.01																					.16	
PETERMAN		.01	.01		.02	.02																				.06	
PLEASANT HILL				.01	.01	.01		.01																		.03	
TROY					.01																					.01	
TUSCALOOSA CAA APT	6													*	*	*	*	*	.02								
-12th-																											
ADDISON			.03	.04	.03	.02	.01	.11	.03	.02	.01	.01	.03	.02	.01											.37	
ANNISTON WB AIRPORT	6	.05	*	*	*	*	*	.01	*	*	*	*	*	.03	.03	.01										.08	
BELGREEN		.08	.06	.06	.19	.01	.14	.26	.30	.08							.01	.02								1.21	
BERRY		.02	.02	.02	.02	.02																				.67	
BEXAR 2 SE		.02	.06	.22	.03	.05	.05	.05	.07	.03				.01		.01	.05		.02							.04	
BIRMINGHAM WB APT								.03	.01																	.27	
FLAT ROCK																										.20	
FORT PAYNE							.03	.01	.07	.04	.01	.03	.01													.08	
GARDEN CITY			.01	.02			.02	.02	.01																	.36	
HALEYVILLE		.02	.04	.07	.05	.07	.04	.02	.01								.01	.03								.06	
HUNTSVILLE	6	*	*	*	*	*	.14	*	*	*	*	*	*	.25												.30	
JACKSONVILLE							.05				.01															.06	
MOULTON			.06	.04	.03	.10	.01	.01	.05																	.30	
MUSCLE SHOALS CAA A	6	*	*	*	*	*	.18	*	*	*	*	*	*	.74	*	*	*	*	*	.06						.93	
PAINT ROCK				.01	.12	.12	.05	.22	.05	.25	.02				.09												
RIVER FALLS 2 NE																											
TONEY				.09	.01	.01	.01	.16	.02	.10	.10	.08							.02	.01						.61	
TRAFFORD			.02	.01	.02	.02	.02	.01																		.08	
TUSCALOOSA CAA APT	6	*	*	*	*	*	.01																			.02	
UNIVERSITY											.01	.01					.06	.02								.13	
VERNON		.04	.01																								
-13th-																											
ABBEVILLE																							.03	.07		.10	
ADDISON																										.27	
ANNISTON WB AIRPORT	6							*	*	*	*	*	*	.02	*	*	*	*	*	.02		.08	.03	.07	.09	.08	
ASHLAND	//										.01	.01		.02		.04										.05	
AUBURN SCS 10																			.05		.11	.01	.09	.18	.01	.49	
BELGREEN									.02	.02	.03			.02									.05	.08	.01	.14	
BERRY																										.42	
BEXAR 2 SE										.01	.01								.02	.03	.07	.08	.13	.03	.04	.11	
BIRMINGHAM WB APT										.01																.11	
DADEVILLE NO 2														.04	.06	.01										.02	
DOTHAN CAA AIRPORT		.02																								.07	
EUTAW LOCK NO 7																										.06	
EVERGREEN CAA APT	6							*	*	*	*	*	*	.02												.01	
FLAT ROCK																										.08	
FORT PAYNE																										.03	
GARDEN CITY																										.11	
HALEYVILLE																										.04	
HUNTSVILLE	6																				.01	.05	.05	.02	.02	.09	
LAY DAM																					*	*	*	*	*	.25	
MARION 1 SSE														.03				.01			*	*	*	*	*	.05	
MONTGOMERY WB APT	6																*	*	*	.02	*	*	*	*	*	*	
MONTGOMERY WB CITY																	*	*	*							.07	
MOULTON								.03						.07	*	*	*	*	*	.05	.02	.03	.09	.05	.04	.31	
MUSCLE SHOALS CAA A	6																			*	*	*	*	*	*	.03	
PAINT ROCK										.02				.01								.12	.02	.06	.11	.31	
PLEASANT HILL																										.03	
RIVER FALLS 2 NE																											

HOURLY PRECIPITATION

ALABAMA
JANUARY 1950

Table 4-Continued

Station	A. M. Hour ending												P. M. Hour ending												Total	
	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12		
JACKSONVILLE		.05	.04	.03	.01	.02		.07	.01	.01	.01														.25	
LAY DAM		.05	.08		.01	.01	.01																		.15	
LOCK NO 1	//		.05	.02	.01	.01	.01																		.10	
MAGNOLIA			.02	.02	.01																				.05	
MARION 1 SSE		*	*	*	*	*	*	*	*	1.35															1.25	
MOBILE WB AIRPORT	6		*	*	*	*	*	.04																		
MOBILE WB CITY								.08																	.08	
MONTGOMERY WB APT	6		*	*	*	*	*	.02																		
MONTGOMERY WB CITY				.06	.01																					
MOULTON		.01	.01		.01		.03																		.07	
MUSCLE SHOALS CAA A	6	.48																							.06	
PAINT ROCK		.11	.04	.06	.01		.05																		.27	
PETERMAN					.04	.02																			.06	
PLEASANT HILL				.03																					.03	
RIVER FALLS 2 NE				.01	.02	.01	.02																		.06	
THORSBY 1 SW		.07	.04																						.11	
TONEY		.07																							.07	
TRAFFORD		.04	.07	.06	.02		.02	.01	.01		.02														.25	
TROY					.04	.02																			.06	
TUSCALOOSA CAA APT	6	.11	*	*	*	*	*	.08	*	*	*	*	.12													
UNIVERSITY				.01		.03		.03	.08	.01															.16	
VERNON		.03	.03		.05																				.11	
-15th-																										
ASHLAND	//																	.01	.06	.02	.01			.29	.03	.10
BELGREEN																									.32	
BIRMINGHAM WB APT															.03	.13	.01								.17	
CAMPBELL										.11	.02	.01			.01										.14	
EUTAW LOCK NO 7										.02	.01														.03	
FLAT ROCK																			.03						.03	
FORT PAYNE																		.05	.02						.07	
HALEYVILLE																		.06	.01	.01					.08	
JACKSONVILLE																		.01							.01	
MARION 1 SSE														.12	.01										.13	
MIDWAY														.02											.02	
MUSCLE SHOALS CAA A	6																		*	*	*	*	*	*		
TONEY																			.02	*	*	*	*	*	.16	.08
TRAFFORD															.03	.03							.01	.01	.08	
UNIVERSITY																							.01	.02	.03	
VERNON		.04																							.04	
-16th-																										
ADDISON		.05	.09	.01		*	*	*		.08	*	*	*	.02	*	*	*	*	*	*	*	*	*	*	*	.15
ANNISTON WB AIRPORT	6		.02	.02	.01									.05	.04	.08	.03	.05	.03	.01	*			*	*	.34
ASHLAND	//		.07			.01																			.08	
BELGREEN		.01	.01			.01																			.02	
BEKAR 2 SE													.02	.06	.02	.01									.13	
BIRMINGHAM WB APT				.01		.01		.17	.27	.02	.02	.16	.12	.09		.01		.06	.01	.01					.58	
CAMPBELL										.02	.02	.02	.12	.09				.01							.41	
DADEVILLE NO 2			.01							.02	.16	.12	.09				.06	.01	.01						.16	
EUTAW LOCK NO 7					.01	.04				.05	.03						.01	.01		.01					.20	
FLAT ROCK				.08	.10	.02																			.14	
FORT PAYNE				.14																					.22	
GARDEN CITY		.04	.11	.04	.03																	.02	.01	.01	.02	
GREENVILLE NO 2																						*	*	*	*	
GUNTERSVILLE REC																										
HUNTSVILLE	6		*	*	*	*	*	.12	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
JACKSONVILLE				.03	.05	.06						.01	.06	.03	.04	.04					.01	.01	.02	.01	.37	
LAY DAM		.08	.01	.01	.01	.01				.03	.03	.02	.02	.03	.05	.07	.03	.01	.01	.01					.41	
LOCK NO 1	//									.03	.34	.08	.10	.03				.01	.01	.03	.01				.63	
MAGNOLIA								.09	.10	.08	.04	.01	.01	.02	.02	.03	.07	.02	.03	.01					.50	
MARION 1 SSE					.01	.01	.21	.01	.03	.03	.07	.01	.02	.03			.02								.42	
MIDWAY												.01	.03												.04	
MOULTON		.08					.01																		.11	
MUSCLE SHOALS CAA A	6	.31	*	*	*	*	*	.19	*	*	*	*	.08					.02								
PAINT ROCK		.06																							.06	
PETERMAN																									.07	
PLEASANT HILL												.01	.08	.02	.03	.01	.07	.04	.04					.01	.02	
THORSBY 1 SW										.01	.08	.02	.03	.01	.07	.04	.04								.30	
TONEY		.03				.02	.02	.02					.03	.02	.01										.05	
TRAFFORD				.04	.02	.02	.01			.01	*	*	*	*	*	*	*	*	*	*	*	*	*	*	.15	
TUSCALOOSA CAA APT	6		*	*	*	*	*	.01	*	*	*	*	.02	.01	.06											
UNIVERSITY		.01			.01					.05	.01	.01													.09	
-17th-																										
ABBEVILLE							.01		.01					.01	.04	.10	.04	.01							.19	
ADDISON	6	.23	*	*	*	*	.13	*	*	*	*	*	*	.75	*	*	*	*	*	*	*	*	*	*	.04	
ANNISTON WB AIRPORT	//				.01	.10	.03	.04	.04	.01	.01			.08	.01										.33	
ASHLAND							.18	.03	.02				.11	.01											.35	
BELGREEN			.04	.24	.01	.02	.01																		.32	
BERRY																									.02	
BEKAR 2 SE													.01	.01											.08	
BIRMINGHAM WB APT						.02	.05	.01																	.01	
CAMPBELL					.01									.01											.01	
DADEVILLE NO 2																		.04	.01						.01	
DOTYAN CAA AIRPORT																									.05	
EUTAW LOCK NO 7										.01				.01	.01										.03	
FLAT ROCK																		.02							.02	
FORT PAYNE					.02	.09	.01																			

ALABAMA
JANUARY 1950

[illegible]

See reference notes following Station Index.

HOURLY PRECIPITATION

ALABAMA
JANUARY 1950

Table 4--Continued

Station	A. M. Hour ending												P. M. Hour ending												Total	
	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12		
GUNTERSVILLE REC		.20	.12	.03	.04	.01						.06		.04												.50
HALEYVILLE		.07	.05																							.20
HUNTSVILLE	6	.24	*	*	*	*	*	.05	*	.11	.01	*	*	.11												.41
JACKSONVILLE				.10	.05	.03	.03																			.21
LAY DAM			.04	.01	.01																					.06
MAGNOLIA		.04	.01																							.05
MARION 1 SSE		.05	.02		.02	.02																				.11
MIDWAY																		.60								.60
MOBILE WB CITY			.05	.02													1.02	.02								1.11
MONTGOMERY WB APT	6		*	*	*	*	*	.01																		.27
MOULTON		.05	*	*	.01	*	*	.04	.14	.02		.01														.27
MUSCLE SHOALS CAA A	6	.26	*	*	*	*	*	.02																		.08
NEW BROCKTON								.03	.05																	.48
PAINT ROCK		.12	.07	.02						.11	.01	.05														.25
PETERMAN			.15	.06	.02	.01															.01	.01				.65
RIVER FALLS 2 NE		.01	.16	.01										.01	.04	.13	.40	.06								.20
THORSBY 1 SW			.01											.02												.16
TONEY			.01							.02				.06	.04	.03										.32
TRAFFORD		.14	.04	.07	.03									.01	.01	.02	.25	.18	.01	.04						.08
TROY						.16	.01																			.02
TUSCALOOSA CAA APT	6	.18	*	*	*	*	*	.23								*	*	*	*	.03	*	*	*	*	*	.03
UNIVERSITY		.10	.05	.03	.01	*	*									*	*	*	*							.19
VERNON		.06	.05																							.11
-28th-																										
ABBEVILLE																				.01	*	*	*	*	*	.01
ANNISTON WB AIRPORT	6									*	*	*	*	.06						*	*	*	*	*	*	.01
BELGREEN																*	*	*	*	*	*	*	*	*	*	.02
JACKSONVILLE																										.03
MOULTON								.03																		.05
MUSCLE SHOALS CAA A	6		*	*	*	*	*	.02																		.03
PAINT ROCK										.02	.01	.01		.01												.05
RIVER FALLS 2 NE																										.05
TUSCALOOSA CAA APT	6	.03																								.05
-29th-																										
ADDISON								.02	.01	.01		.01	.01													.06
ANNISTON WB AIRPORT	6	.03	*	*	*	*	*	.05																		.06
BELGREEN		*	*	*	*	*	*																			.16
BERRY																										.03
BEXAR 2 SE							.01	.01	.01																	.11
BIRMINGHAM WB APT																										.05
EUTAW LOCK NO 7																										.06
GARDEN CITY										.03	.01	.02						.03	.01	.11	.01					.06
MUSCLE SHOALS CAA A	6															*	*	*	*	.79	*	*	*	*	*	.06
PAINT ROCK										.01						.02	.03	*	*	*	*	*	*	*	*	.06
TONLEY																										.72
TUSCALOOSA CAA APT	6															*	*	*	*	.22	.50					.35
UNIVERSITY		*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	.28	*	*	*	*	*	.35
-30th-																										
ADDISON													.01	.01												.02
ASHLAND	//			.01	.01	.01																				.03
AUBURN SCS 10										.10																.10
BELGREEN		.12	.03		.16	.15							.05													.51
BEXAR 2 SE					.01																					.03
GARDEN CITY																										.02
GREENVILLE NO 2																										.02
HALEYVILLE							.03	.02				.02	.01			.01	.01	.01								.09
HUNTSVILLE	6	*	*	*	*	*		.05	*	*	*	*	*	.03												.03
MOBILE WB AIRPORT	6		.02																							.16
MOULTON								.03	.01			.02	.01													.01
MUSCLE SHOALS CAA A	6	.86	*	*	*	*	*	.52	*	*	*	*	*	.06					.01							.11
PLEASANT HILL																										.06
TONEY		.12	.28	.39	.04	.12	.06	.08	.08	.01				.01	.01											1.20
-31st-																										
ADDISON								.01	.02	.02	.04	.06	.03	.02												.20
ANNISTON WB AIRPORT	6													.16		.13	*	*	*	*	13	*	*	*	*	.30
BELGREEN																										.01
BERRY		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BOAZ																										-
EUTAW LOCK NO 7																										.02
EVERGREEN CAA APT	6									.02				*	*	*	*	*	*	.04						.02
FLAT ROCK																										.01
FORT MORGAN	//							.03																.04	.06	.11
FORT PAYNE																										.03
GARDEN CITY																										.10
GUNTERSVILLE REC													.19						.02	.01				.06	.01	.03
HALEYVILLE																										.19
HUNTSVILLE	6							*	*	*	*	*	.01	.01		.01	.01	*	*	*	.06	*	*	*	*	.04
MOBILE WB AIRPORT	6	.01												.16	*	*	*	*	*	*	*	*	*	*	*	.06
MOULTON													.01	*	*	.04				.01	*	*	*	*	*	.06
MUSCLE SHOALS CAA A	6							*	*	*	*	*	*	.05	*	*	*	*	*	*	.23	*	*	*	*	.32
PAINT ROCK													.02	.05	*	*	*	*	*	*	*	*	*	*	*	.32
RIVER FALLS 2 NE		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	.04
TONEY																										.05
TRAFFORD																										.04
TUSCALOOSA CAA APT	6		*	*	*	*	*	.02													.03	.01	.01	.01	.01	.05
UNIVERSITY			.03	.01																						.04

Table 5

DAILY TEMPERATURES

ALABAMA
JANUARY 1950

Station		Day of month																															Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
ALBERTVILLE 1 S	MAX MIN	62 41	65 48	63 43	68 58	72 63	72 63	64 29	54 25	69 34	65 36	67 34	68 41	70 36	69 34	70 36	69 43	63 42	65 43	62 39	62 33	65 32	63 36	66 37	74 54	74 62	76 62	73 44	50 44	69 47	69 60	74 62	66.8 43.9
ALEXANDER CTY 6 NE	MAX MIN	60 40	70 55	69 61	73 62	74 70	70 62	60 33	60 23	62 41	70 51	63 54	72 58	68 55	66 54	71 48	68 50	52 44	71 44	72 53	61 41	51 41	68 50	69 48	76 51	79 61	75 55	77 56	50 48	76 79	79 63	74 64	68.5 50.1
ANDALUSIA	MAX MIN	69 50	70 50	74 56	76 57	75 62	76 64	78 37	55 36	61 44	70 53	75 60	72 61	77 62	76 56	78 59	82 64	74 55	78 59	61 47	74 43	55 47	66 54	75 57	75 57	79 66	80 65	82 65	79 56	78 58	80 63	81 64	73.9 55.8
ANNISTON WB AIRPORT	MAX MIN	53 43	69 49	69 58	77 62	75 63	73 41	52 32	60 28	58 44	67 55	65 50	60 53	69 53	68 53	73 45	68 43	49 43	67 44	67 37	50 41	67 46	70 48	76 51	80 65	76 59	76 50	73 48	71 48	79 61	73 63	66.2 49.2	
ATMORE STATE FARM	MAX MIN	73 50	73 48	75 56	78 65	77 67	79 65	65 35	65 35	68 47	78 61	78 61	77 64	77 65	78 52	76 61	76 67	77 52	79 61	77 64	74 46	69 41	75 45	78 52	81 60	80 67	80 62	79 63	78 58	80 61	82 64	76.2 56.8	
AUBURN	MAX MIN	61 43	63 45	70 49	72 51	76 52	76 53	68 34	54 30	60 37	67 43	70 55	65 56	74 53	70 53	66 55	75 50	71 44	55 41	73 45	52 43	53 41	70 47	73 49	74 53	74 58	79 57	78 60	74 56	74 58	73 62	68.4 49.3	
BAY MINETTE	MAX MIN	71 50	73 50	75 54	77 65	77 69	78 55	56 36	66 35	68 48	78 62	71 61	78 61	76 64	73 58	80 65	75 59	78 61	79 61	67 46	67 41	79 46	75 46	81 53	80 68	78 68	79 61	79 56	79 62	80 63	75.2 56.5		
BELLE MINA 2 N	MAX MIN	56 43	63 49	63 56	71 61	70 40	63 27	53 25	46 31	49 61	65 48	64 78	61 71	66 59	73 53	68 48	73 40	49 39	58 48	68 41	29 33	50 47	53 46	68 51	67 51	76 62	77 64	76 39	53 40	63 52	68 43	63.1 45.2	
BIRMINGHAM WB APT	MAX MIN	60 48	68 52	70 60	75 63	73 63	67 38	50 31	61 30	69 47	64 55	73 47	73 59	75 59	59 53	72 57	66 45	51 47	70 50	65 38	48 36	51 41	69 48	72 58	78 58	76 66	58 45	61 49	55 53	73 63	75 64	69.6 51.1	
BIRMINGHAM WB CITY	MAX MIN	60 51	70 53	70 60	75 63	73 66	71 45	53 30	62 31	61 48	68 57	67 47	73 57	75 61	72 52	72 54	66 44	53 46	50 46	66 36	50 42	52 47	69 58	72 66	78 66	77 65	72 45	62 58	62 55	73 63	78 64	75 63	68.2 51.8
BREWTON 3 SSE	MAX MIN	72 44	74 39	76 55	78 64	77 66	79 64	65 42	65 28	72 36	76 52	72 61	77 61	77 58	75 57	78 57	83 60	77 62	80 48	76 60	72 48	70 41	76 41	78 52	82 55	81 65	82 65	81 63	77 51	79 54	80 56	76.4 53.7	
CAMDEN	MAX MIN																76 51	72 51	78 57	60 41	62 39	75 41	76 56	88 61	81 62	79 63	71 53	72 50	79 61	81 62	-		
CAMP HILL 2 N	MAX MIN	63 40	69 45	70 52	69 53	72 50	69 60	58 26	62 22	65 40	72 50	63 52	72 50	70 52	71 52	72 50	58 42	52 40	70 51	72 51	52 39	50 44	55 48	64 48	71 58	76 58	79 59	73 52	62 49	73 52	76 63	67.7 49.0	
CENTREVILLE	MAX MIN	68 52	72 52	72 62	78 68	75 67	70 34	56 30	55 46	61 48	72 58	62 62	70 62	77 62	66 58	60 60	62 48	65 54	72 52	54 42	52 40	52 40	70 44	75 54	80 60	78 74	78 66	78 54	68 62	76 64	66 66	69.7 55.5	
CHATOM	MAX MIN	74 43	73 44	79 57	78 64	77 68	75 47	65 32	65 27	70 40	68 62	77 59	79 59	73 64	77 55	72 54	74 51	79 55	77 59	73 42	65 43	76 39	80 50	81 59	83 66	76 68	76 51	76 47	81 61	81 59	82 60	74.9 52.8	
CITRONELLE	MAX MIN	72 51	73 53	75 60	75 65	75 68	78 50	54 34	64 40	70 62	66 61	77 63	76 65	70 57	77 65	70 55	74 63	79 61	76 63	69 45	65 43	77 55	77 60	80 61	79 68	80 73	73 52	75 63	79 65	82 65	80 65	74.1 56.8	
CLANTON	MAX MIN	63 44	60 47	70 70	78 60	74 64	76 64	51 28	59 30	61 44	70 55	61 55	70 63	73 53	73 53	59 58	55 48	72 50	73 41	52 41	52 46	69 47	72 56	77 60	78 68	75 60	76 58	75 54	68 55	77 57	80 62	67.8 50.7	
CORDOVA	MAX MIN	66 43	70 53	74 62	76 64	72 60	72 30	50 40	62 34	58 44	70 50	62 44	75 56	77 62	75 52	75 55	70 44	56 43	68 44	50 34	51 36	71 45	70 58	78 65	78 77	78 65	78 67	72 43	64 46	75 58	76 63	69.1 50.3	
DAYTON	MAX MIN	71 49	71 51	77 59	78 65	79 64	79 42	57 28	62 46	65 60	75 57	70 60	79 75	75 62	55 58	73 49	68 50	75 57	75 51	68 37	72 40	72 37	80 59	80 63	81 65	79 61	79 57	77 49	77 63	80 61	80 62	73.8 53.0	
DECATUR	MAX MIN	60 45	63 53	69 58	73 59	63 40	59 39	58 28	45 28	56 55	64 55	58 51	70 63	71 50	73 51	67 51	67 41	61 50	67 30	61 40	53 30	68 48	68 60	78 65	75 68	76 61	60 49	69 58	66 44	67.1			
DOTHAN CAA AIRPORT	MAX MIN	73 47	74 48	75 52	78 59	79 52	78 39	57 34	61 43	73 55	76 63	76 59	78 63	77 59	74 59	80 62	82 55	72 55	75 60	76 52	61 40	58 52	73 52	75 52	80 62	82 62	81 57	77 62	78 60	81 62	81 60	74.8 55.1	
EUFULA	MAX MIN	71 44	69 46	76 45	79 56	80 53	75 62	72 38	72 29	63 42	72 51	69 54	73 61	71 52	77 59	80 61	65 54	64 51	76 58	72 52	62 50	62 52	72 53	72 52	77 63	80 62	76 56	76 62	77 59	77 55	73 62	73.7 53.2	
EVERGREEN	MAX MIN	72 49	72 50	73 53	76 60	77 65	76 36	78 58	67 45	74 50	70 55	76 60	77 62		66 54	77 63	77 63	77 46	78 53	79 68	53 43	68 53	73 53	77 53	69 63	82 63	76 57		80 62	80 62	73.5 57.9		
EVERGREEN CAA APT	MAX MIN	72 47	73 42	76 57	78 66	75 63	79 40	56 36	64 31	70 36	78 54	69 59	77 60	77 64	80 54	76 57	78 51	79 61	79 52	53 40	66 48	76 40	78 48	82 65	80 65	82 65	76 56	78 56	80 60	81 62	79 60	74.8 52.8	
FAIRHOPE	MAX MIN	71 48	76 49	76 55	79 61	77 64	77 42	55 37	67 43	71 45	78 56	74 58	77 58	78 59	76 59	79 53	74 49	80 65	79 55	64 45	67 37	77 44	77 54	78 62	79 62	81 55	80 54	77 55	78 55	80 57	80 57	75.1 52.4	
FAYETTE	MAX MIN	65 47	64 49	67 52	75 61	76 64	62 46	60 28	61 28	62 49	69 44	62 44	62 44	72 61	77 52	71 53	76 43	55 40	73 47	53 42	53 44	54 33	57 42	72 60	78 62	78 66	78 43	65 41	69 47	67 62	77 63	66.1	
FORT MORGAN	MAX MIN	70 58	71 58	71 63	73 65	73 67	74 55	58 45	65 44	69 54	74 63	69 62	73 63	74 64	74 63	75 60	73 61	70 61	75 62	75 56	63 49	63 54	73 60	74 63	76 63	77 63	77 63	72 61	73 61	75 65	76 62	71.9 60.0	
FRISCO CITY	MAX MIN	70 49	73 50	72 54	77 59	77 66	78 66	77 34	62 30	68 40	79 51	68 60	76 61	77 63	77 55	71 56	73 64	74 															

DAILY TEMPERATURES

ALABAMA
JANUARY 1950

Table 5-Continued

Station		Day of month																															Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
LOCKHART	MAX	71	71	72	76	76	77	77	56	62	71	71	73	76	71	51	77	60	75	77	76	58	68	71	77	77	73	81	82	76	77	78	74.2
	MIN	48	48	35	57	61	66	37	37	43	43	51	51	54	55	59	65	58	55	51	49	46	49	55	58	65	65	64	69	66	64	64	56.2
MADISON	MAX	58	63	68	74	70	63	48	66	44	66	66	74	75	74	68	42	62	63	53	53	68	67	71	71	78	75	75	75	75	68	67	65.1
	MIN	45	54	56	61	39	39	27	26	41	41	47	56	56	48	49	49	46	36	36	36	46	50	59	51	69	59	47	57	41	51	46.7	
MAXWELL FIELD	MAX	65	72	75	75	76	75	58	59	67	71	61	71	71	67	75	69	78	71	71	71	71	71	71	81	81	81	81	73	72	78	80	71.5
	MIN	48	47	56	65	64	46	37	33	45	47	58	61	57	57	53	53	51	51	51	47	31	48	57	53	61	61	62	56	65	64	54.4	
MOBILE WB AIRPORT	MAX	70	72	75	78	71	75	55	64	69	77	78	76	71	71	71	76	79	72	77	78	69	65	73	76	77	76	78	79	77	77	77	73.4
	MIN	52	52	58	64	66	42	33	34	34	36	40	43	43	43	43	43	43	42	37	37	44	41	48	56	62	67	67	65	61	62	62	55.8
MOBILE WB CITY	MAX	70	71	72	72	73	73	55	64	70	72	78	71	74	74	71	71	75	78	77	67	71	74	74	75	77	77	71	75	74	76	71	71.9
	MIN	54	56	61	65	67	16	38	39	44	43	49	63	66	59	64	61	58	63	58	48	45	51	60	63	67	67	69	57	65	61	67	58.4
MONTGOMERY WB APT	MAX	65	72	75	75	76	76	56	59	68	73	66	71	71	71	71	71	78	75	57	55	72	71	81	81	81	81	71	71	79	81	71	71.5
	MIN	46	45	53	63	63	44	35	30	41	47	57	59	56	53	54	54	54	54	48	47	54	52	63	56	57	61	51	59	65	59	56.5	
MONTGOMERY WB CITY	MAX	64	72	73	75	76	75	54	58	67	74	63	75	75	67	71	70	68	76	75	55	55	72	75	80	81	81	71	72	78	81	71	71.5
	MIN	43	51	57	64	63	45	36	35	44	56	58	61	60	57	58	54	58	58	46	46	51	47	57	56	60	65	58	56	58	64	54.2	
MUSCLE SHOALS CAA AP	MAX	62	63	70	72	62	63	46	57	61	65	65	74	56	77	57	59	56	44	50	35	68	69	74	77	77	77	71	68	69	67	61.5	
	MIN	38	54	59	40	35	30	24	28	44	45	38	53	53	48	54	38	41	44	33	26	41	50	60	63	64	39	38	46	42	47	41.5	
ONLONTA	MAX	58	60	68	70	74	71	64	48	56	60	61	61	61	61	61	72	51	51	61	51	48	51	63	69	77	78	71	56	56	70	71	67.5
	MIN	46	43	50	55	63	60	31	28	30	45	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41.5
OSARK	MAX	74	73	75	78	79	77	73	62	73	75	71	71	71	71	71	71	71	71	71	71	71	71	71	71	71	71	71	71	71	71	71	71.5
	MIN	47	49	50	60	58	62	37	44	43	54	54	54	54	54	54	54	54	54	54	54	54	54	54	54	54	54	54	54	54	54	54	54.5
PRATTVILLE	MAX	67	73	73	76	75	76	57	57	68	74	61	74	61	61	61	61	61	61	61	61	61	61	61	61	61	61	61	61	61	61	61	61.5
	MIN	42	45	51	62	62	55	34	36	47	55	39	61	57	57	58	57	51	51	39	55	47	41	48	52	51	62	61	61	51	58	51	55.2
PUSHMATAHA	MAX	74	70	71	71	77	77	71	56	60	70	71	61	61	61	61	61	61	61	61	61	61	61	61	61	61	61	61	61	61	61	61	61.5
	MIN	44	52	60	62	64	66	30	28	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40.5
ROBERTSDALE 7 E	MAX	67	72	75	77	78	76	66	64	70	78	75	75	77	74	77	78	77	77	77	71	69	74	76	77	78	77	76	77	78	78	74.7	
	MIN	51	57	56	64	68	65	37	38	48	61	63	61	64	59	62	63	53	62	61	49	42	46	51	52	66	67	66	55	59	62	62	67.2
ROCK MILLS	MAX	58	70	71	73	75	70	53	62	65	72	65	63	64	66	73	61	52	66	71	62	54	68	72	77	81	77	71	62	71	78	75	67.9
	MIN	41	42	53	57	59	52	34	24	42	52	51	52	51	52	44	59	44	41	53	39	45	49	45	55	46	37	46	45	52	63	47.5	
SAINT BERNARD	MAX	56	59	66	68	73	62	63	45	57	59	64	39	70	72	62	72	55	45	48	49	51	67	68	75	76	75	50	62	70	71	61.8	
	MIN	41	44	52	59	44	45	29	28	27	43	47	39	57	51	54	44	45	45	31	31	43	48	57	57	65	41	41	49	59	57	45.1	
SAND MTN STA FRM AP	MAX	55	65	63	71	69	67	50	54	51	61	61	55	65	67	63	48	60	61	51	54	61	65	72	76	73	67	49	65	72	70	62.1	
	MIN	40	47	57	58	62	48	29	24	37	41	41	47	56	45	51	42	35	40	43	35	39	46	55	52	62	60	42	45	44	60	46.8	
SCOTTSBORO	MAX	59	65	68	74	71	64	50	61	53	62	62	59	69	67	73	65	40	61	60	58	51	68	66	78	78	75	68	65	67	71	67	64.5
	MIN	39	49	55	60	59	45	30	27	40	51	44	51	51	50	52	44	42	44	40	32	38	45	52	56	56	62	48	44	42	61	59	47.3
SELMA	MAX	65	73	75	79	77	79	59	61	65	77	72	77	78	75	79	79	65	79	77	60	57	75	77	81	82	80	75	70	79	83	82	73.6
	MIN	49	46	59	65	65	52	34	30	45	59	58	60	62	56	56	52	52	54	58	43	42	43	55	58	61	62	62	52	60	62	63	54.1
SPRING HILL	MAX	73	73	75	75	76	56	65	65	76	69	75	75	74	76	81	72	78	78	62	68	73	78	78	78	78	78	78	78	78	78	78	73.5
	MIN	65	61	64	36	34	36	60	62	64	56	60	62	64	58	61	53	58	64	48	43	48	43	43	43	43	43	43	43	43	43	43	43	55.7
TALLADEGA	MAX	57	69	68	76	74	73	52	61	60	67	66	70	70	68	75	70	56	68	69	52	53	68	70	77	80	76	71	56	74	79	71	67.9
	MIN	46	47	58	61	64	52	33	24	46	54	49	57	57	52	59	46	46	46	51	29	37	46	48	52	65	63	51	50	62	64	58.6	
THOMASVILLE	MAX	68	72	77	77	76	76	51	63	64	79	64	77	79	68	79	68	74	78	77	52	54	74	76	80	80	83	63	74	78	80	89	72.5
	MIN	49	51	59	64	65	43	31	31	45	60	59	60	62	54	57	50	59	58	50	41	41	44	58	59	65	66	49	49	63	64	64	55.8
TROY	MAX	65	66	72	75	75	76	74	54	68	72	68	76	75	67	77	79	69	74	75	60	56	71	76	78	80	81	79	75	75	81	72.3	
	MIN	46	48	52	54	59	31	35	34	38	49	57	58	59	55	67	59	55	53	55	47	40	49	53	57	62	60	62	56	60	63	65	58.4
TUSCALOOSA CAA APT	MAX	61	71	75	78	76	67	52	62	62	73	63	74	79	61	76	68	61	74	67	56	52	72	77	81	81	81	59	69	74	81	80	69.8
	MIN	50	51	63	66	63	38	30	27	46	54	49	60	60	54	55																	

STATION INDEX

ALABAMA
JANUARY 1950

Station	Index No	County	Drainage	Latitude	Longitude	Elevation	Temp	Precip	Observer	Refer to tables	Station	Index No	County	Drainage	Latitude	Longitude	Elevation	Temp	Precip	Observer	Refer to tables
ADONIS	0008	HENRY	100	31 34 55	85 10				WID J. P. MITCHELL	3 4	LOCK NO 1	4830	CLARKE	13 31 33 88 01	11					7A U. S. ENGINEERS	3 4
ADONIS CENTRAL TOWER	0071	LAWRENCE	100	34 13 10	87 10	1500			7A U.S.F.S.	3 4	LOCK NO 2	4830	CLARKE	13 31 33 88 01	11					7A U. S. ENGINEERS	3 4
ADONIS	0140	WILCOX	132	34 12 14	87 25				8A STONEY J. HARDY, JR.	3 5	LOCK NO 3	4840	CLARKE	13 31 33 88 01	11					7A U. S. ENGINEERS	3 4
ALBERTA	0148	MARSHALL	123	34 10 86	13	1114			8A PAT M. COURINGTON	3 5	LOCK NO 4	4840	CLARKE	13 31 33 88 01	11					7A U. S. ENGINEERS	3 4
ALEXANDER CITY 6 MI NE	0163	TALLAPOOSA	113	32 59 55	52	660	5P		5P F. E. BLACKBURN	3 5	LOCK NO 17	4850	TUSCALOOSA	12 34 22 86 11	510	7D				6P HARRY F. CARTER	2 3 5
ALICEVILLE	0178	WILCOX	132	34 10 86	13				7A HOSIE PHILLIPS	3 5	MADISON	4976	MADISON	12 34 22 86 11	510					6A ALABAMA POWER CO.	3 4
ALMA	0252	COVINGTON	8	31 19 86	30	346	8A		8A W. W. GARRIST	3 5	MADISON	4986	JEFFERSON	13 30 30 86 11	514					8A D. B. HARRIS	3 4
ANNISTON W. AIRPORT	0272	CALHOUN	7	33 35 55	51				WID U.S. WEATHER BUREAU	2 3 5	MADISON	5116	PERRY	13 32 26 87 18	24					8A O. WYRON HOLIFIELD	3 4
ARLEY	0318	WINSTON	2	34 04 87	13				7A MRS. LESSIE BILLEN	3 4	MARTIN DAM	5140	TALLAPOOSA	11 32 40 85 30	345					6A ALABAMA POWER CO.	3 4
ASHLAND	0369	CLAY	11	33 16 85	50				WID HENRY L. MC QUEEN	3 4	MARTIN DAM	5202	MONTGOMERY	13 25 26 86 25	165					WID U.S. ARMY AIR FORCES	2 3 5
ATMISTE	0372	ST. CLAIR	12	33 40 87	26	880			7A NORMAN R. PRICEST	3 4	MARTIN DAM	5334	CLARKE	13 31 36 86 27	225					8A USFS	3 4
ATMISTE	0400	LIMESTONE	12	34 08 86	59	709			7A TV-62	3 4	MARTIN DAM	5382	BIBB	13 32 53 87 20	600					WID MATTHEW W. HALL	3 4
ATMISTE STATE FARM	0402	ESCAMBIA	11	33 10 87	29				4P ATMISTE STATE FARM	2 3 5	MARTIN DAM	5397	BULLOCK	13 32 53 87 20	78					WID NORMAN D. WILLIAMS	3 4
AUTUMN	0442	LEE	11	32 36 85	30				8A MRS. MARTHA L. MOORE	3 5	MARTIN DAM	5417	WILCOX	13 32 06 87 22	68					8A T. C. CARR	3 4
AUTUMN SCS 10	0427	LEE	11	32 36 85	29				WID SCS	3 4	MARTIN DAM	5439	MADISON	11 32 27 85 54	208					6A ALABAMA POWER CO.	3 4
AUTUMN SCS 10	0440	AUTUMN	12	32 36 85	29				6A J. D. NEIGHBORS	3 4	MARTIN DAM	5465	CLAYTON	13 32 40 86 27	350					WID U.S. WEATHER BUREAU	2 3 5
AUTUMN SCS 10	0546	COLBERT	12	34 03 87	52	463			7A TV-462	3 5	MARTIN DAM	5478	MOBILE	9 30 41 88 12	10					WID U.S. WEATHER BUREAU	2 3 5
BARON	0583	BALDWIN	9	30 33 87	47	268	7P		7P GROVER W. WOODWARD	3 5	MARTIN DAM	5483	MOBILE	9 30 42 88 01	10					WID U.S. WEATHER BUREAU	2 3 5
BEATRICE	0616	MONROE	1	31 44 87	13				7A W. P. DUNN	3 4	MARTIN DAM	5529	MADISON	12 34 45 86 31	1650					7A TV-530	3 4
BEATRICE	0631	FRANKLIN	12	34 28 87	52	910			WID TV-43	3 4	MARTIN DAM	5537	SHELBY	13 33 06 86 53	462					8A M. P. JETER	3 4
BEATRICE	0748	FAYETTE	12	34 28 87	52				WID MISS CLARA R. OLIVE	3 4	MARTIN DAM	5550	MONTGOMERY	13 32 28 86 18	201					WID U.S. WEATHER BUREAU	2 3 5
BEATRICE	0748	MARION	12	34 28 87	52				WID W. H. WHITEHEAD	3 4	MARTIN DAM	5555	MONTGOMERY	13 32 28 86 18	201					WID U.S. WEATHER BUREAU	2 3 5
BEATRICE	0823	AUTUMN	12	34 28 87	52				7A LEONARD C. WELDON	3 4	MARTIN DAM	5625	LAURENS	12 34 29 87 17	540					WID TV-381	3 4
BEATRICE	0836	JEFFERSON	12	33 32 86	50	614	MID		WID U.S. WEATHER BUREAU	2 3 5	MARTIN DAM	5642	COFFEE	13 32 28 87 17	540					WID TV-381	3 4
BEATRICE	0854	COVINGTON	12	34 39 86	05	470			5P MRS. CARIE B. HORTON	3 5	MARTIN DAM	5647	FRANKLIN	12 34 29 87 35	660					WID TV-644	3 4
BEATRICE	0857	MARSHALL	12	34 39 86	05	470			7A TV-42	3 4	MARTIN DAM	5647	FRANKLIN	12 34 29 87 35	660					WID TV-644	3 4
BEATRICE	0960	CRENSHAW	6	31 35 86	15	284			8A R. E. HENDERSON	3 4	MARTIN DAM	5675	DALE	5 21 20 85 37	216					11A FORT WYNN	3 4
BEATRICE	0984	ESCAMBIA	6	31 34 87	03	85	6P		6A MRS. CLARA T. PEATY	2 3 5	MARTIN DAM	6121	BLOUNT	2 33 57 86 30	857	7A				7A L. E. SELLERS	2 3 5
BEATRICE	0984	JACKSON	12	34 36 85	44	660			5P MISS M. LOUISE JONES	3 5	MARTIN DAM	6161	DALLAS	13 32 18 87 14	200					8A EDWARD B. WARREN	3 4
BEATRICE	1178	PIKE	5	31 43 85	49	515			7A GEO. L. HICKS	3 4	MARTIN DAM	6218	DALE	5 21 23 85 39	400	5P				8A MRS. MARY E. SCOTT	2 3 5
BEATRICE	1288	SHELBY	12	34 06 85	45	500			WID ZOMBA P. HOLCOMB	3 4	MARTIN DAM	6246	DALE	5 21 23 85 39	400	5P				8A MRS. MARY E. SCOTT	2 3 5
BEATRICE	1315	CLARKE	13	31 55 87	59				WID W. B. GRIFFIN, JR.	3 4	MARTIN DAM	6362	PERKINS	13 32 37 87 08	110					8A ROBERT P. STORES	3 4
BEATRICE	1377	WALKER	13	33 54 87	52	430			7A MISS MARY C. KAY	3 4	MARTIN DAM	6362	PERKINS	13 32 37 87 08	110					8A ROBERT P. STORES	3 4
BEATRICE	1492	MORGAN	12	34 28 86	38	230	6P		7A W. D. HOLIFIELD	3 5	MARTIN DAM	6414	PICKENS	13 33 13 86 16	110					8A MRS. GERTRUDE GREEN	3 4
BEATRICE	1520	BIBB	13	32 37 87	10	430	6P		5P CHAS. C. SMITH	3 5	MARTIN DAM	6414	PICKENS	13 33 13 86 16	110					8A MRS. DORA L. CLAY	3 4
BEATRICE	1565	WASHINGTON	13	31 28 86	15	331	6P		6A ALABAMA POWER CO.	3 4	MARTIN DAM	6468	MONTGOMERY	13 31 59 87 36	110					8A MRS. DELLA L. OAKLEY	3 4
BEATRICE	1615	TALLAPOOSA	16	33 17 86	21	340			7A W. B. JONES	3 5	MARTIN DAM	6508	DALLAS	13 32 39 86 56	745					7A O. B. BARNES	3 4
BEATRICE	1694	CHILTON	9	31 05 88	14	331	6P		7A HUGH M. SIMPSON	3 5	MARTIN DAM	6521	JACKSON	12 34 57 85 55	150					7A TV-695	3 4
BEATRICE	1725	BARBOUR	3	31 53 85	28	590	7A		8A EDWARD E. POPE	3 5	MARTIN DAM	6526	DALLAS	13 32 10 86 55	281					WID MISS. EVELYN MORRIS	2 3 5
BEATRICE	1807	GENEVA	5	31 10 85	55	255			6P MRS. J. VIRGIL BYNUM	3 5	MARTIN DAM	6540	ATLANTA	13 32 10 86 55	180					WID CONTINENTAL GEN. CO.	3 4
BEATRICE	1849	DE KALB	5	31 18 85	52	280			8A COY THOMPSON	3 5	MARTIN DAM	6684	MONTGOMERY	13 32 10 86 55	180					8A MRS. JAMIE C. BROWN	2 3 5
BEATRICE	1865	HOUSTON	5	31 18 85	06	130			8A MRS. S. GREGORY	3 5	MARTIN DAM	6719	CHOCOTAH	13 32 12 86 21	627					8A MRS. JAMIE C. BROWN	2 3 5
BEATRICE	1949	WALKER	13	33 54 87	11	500	5P		8A MRS. S. GREGORY	3 5	MARTIN DAM	6803	JEFFERSON	13 32 12 86 21	627					8A MRS. JAMIE C. BROWN	2 3 5
BEATRICE	2079	SUMTER	13	32 26 86	23	215			8A REUBEN P. HARRIS	3 5	MARTIN DAM	6847	PICKENS	13 32 23 86 01	631					7A WILLIAM T. ANDREWS	3 4
BEATRICE	2119	TALLAPOOSA	11	32 50 85	45	760			8A DR. W. B. FULTON	3 4	MARTIN DAM	6942	COVINGTON	6 31 21 86 32	107					WID JOHN R. DRALEY	3 4
BEATRICE	2124	TALLAPOOSA	11	32 50 85	46				WID JAY D. SMITH	3 4	MARTIN DAM	6942	COVINGTON	6 31 21 86 32	107					WID ALABAMA ELECTRIC CO.	3 4
BEATRICE	2141	PICKENS	13	33 01 88	17	207			7P F. E. FLETCHER	3 4	MARTIN DAM	6988	BALDWIN	9 30 33 87 36	150	6P				6P CARL BOSECK	2 3 5
BEATRICE	2149	MORGAN	12	34 03 86	54	595			7A TV-505	3 4	MARTIN DAM	7023	WILCOX	13 32 37 86 16	745	6P				7A JAMES B. BAILEY	2 3 5
BEATRICE	2188	MARENGO	13	32 21 87	39	500	5P		5P JAMES M. CREWS	3 5	MARTIN DAM	7157	CULMAN	2 34 12 87 02	802	7A				7A FR. FREDERICK SMITH	2 3 5
BEATRICE	2207	MARENGO	13	32 21 87	39	500	5P		8A MRS. FREDIA TRIMBLE	3 5	MARTIN DAM	7207	DE KALB	12 34 17 85 58	1195	5P				5P ALA. POLY. INST.	2 3 5
BEATRICE	2216	MORGAN	12	34 27 86	58	500			8A MRS. FREDIA TRIMBLE	3 5	MARTIN DAM	7207	DE KALB	12 34 17 85 58	1195	5P				5P ALA. POLY. INST.	2 3 5
BEATRICE	2221	MORGAN	12	34 27 86	58	500			7A TV-411	3 4	MARTIN DAM	7207	DE KALB	12 34 17 85 58	1195	5P				5P ALA. POLY. INST.	2 3 5
BEATRICE	2240	MARENGO	13	32 31 87	51	500			7A J. A. ROBERTSON	3 4	MARTIN DAM	7304	JACKSON	12 34 41 86 01	600	6P				6P MRS. KINZIE BOBO	2 3 5
BEATRICE	2272	ROBERTSON	12	34 03 87	27	325	MID		WID MRS. J. ROBERTSON	3 4	MARTIN DAM	7304	JACKSON	12 34 41 86 01	600	6P				6P MRS. KINZIE BOBO	2 3 5
BEATRICE	2377	COFFEE	10	31 25 86	04	204			8A DOZIER B. ROBERTS	3 4	MARTIN DAM	7304	JACKSON	12 34 41 86 01	600	6P				6P MRS. KINZIE BOBO	2 3 5
BEATRICE	2632	TUSCALOOSA	13	33 15 87	48				8A K. V. BERRY	3 4	MARTIN DAM	7304	JACKSON	12 34 41 86 01	600	6P				6P MRS. KINZIE BOBO	2 3 5
BEATRICE	2727	BARBOUR	4	31 53 85	08	254	5P		8A HARRY E. MARGANS	3 5	MARTIN DAM	7304	JACKSON	12 34 41 86 01	600	6P				6P MRS. KINZIE BOBO	2 3 5
BEATRICE	2742	GREENE	2	32 47 87	50				7A E. B. HOLCOMB	3 4	MARTIN DAM	7304	JACKSON	12 34 41 86 01	600	6P				6P MRS. KINZIE BOBO	2 3 5
BEATRICE	2758	CONVERSE	34	34 04 87	20	650	8A		8A MRS. JESSIE D. GILSON	3 5	MARTIN DAM	7304	JACKSON	12 34 41 86 01	600	6P				6P MRS. KINZIE BOBO	2 3 5
BEATRICE	2813	BALDWIN	9	30 32 87	55	235	MID		5P HAROLD P. YATES	3 5	MARTIN DAM	7304	JACKSON	12 34 41 86 01	600	6P				6P MRS. KINZIE BOBO	2 3 5
BEATRICE	2840	MARENGO	13	32 31 87	51	500			7A TV-384	3 4	MARTIN DAM	7304	JACKSON	12 34 41 86 01	600	6P				6P MRS. KINZIE BOBO	2 3 5
BEATRICE	2848	FALLS CITY 6 MILES NW	13	34 04 87	20	650			7A USFS	3 4	MARTIN DAM	7304	JACKSON	12 34 41 86 01	600	6P				6P MRS. KINZIE BOBO	2 3 5
BEATRICE	2867	MADISON	12	33 36 86	34	350			8A TV-57	3 4	MARTIN DAM	7304	JACKSON	12 34 41 86 01	600	6P				6P MRS. KINZIE BOBO	2 3 5
BEATRICE	2883	FAYETTE	12	33 41 87	50	570	8A		8A LOUIS F. WILLINGSWORTH	3 5	MARTIN DAM	7304	JACKSON	12 34 41 86 01	600	6P				6P MRS. KINZIE BOBO	2 3 5
BEATRICE	2885	JACKSON	12	33 46 85	41	430			7A TV-387	3 4	MARTIN DAM	7304	JACKSON	12							

U. S. DEPARTMENT OF COMMERCE

CHARLES SAWYER, Secretary

WEATHER BUREAU

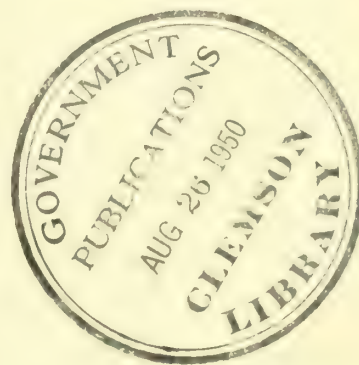
F. W. REICHELDERFER, Chief

CLIMATOLOGICAL DATA

ALABAMA

FEBRUARY 1950

Volume LVI No. 2



A. R. Long, Section Director - Montgomery

Weather Summary

The exceptionally mild temperatures which prevailed during January continued through the second week of February, so that the State mean of 54.4° for this February was 5.5° higher than the average since 1884, and the eighth highest since that time. The warmest February on record was in 1927 when the mean was 58.7°. After the 14th, temperatures averaged near normal, with a slight rising trend and with daily fluctuations only moderate.

There was light to moderate general rain on the 22nd. Otherwise nearly all of the precipitation during the month fell during the first two weeks. It was rather light over the southeastern three fourths of the State, but moderately heavy in the northwestern quarter.

Except most deciduous trees, vegetation became abnormally advanced as a result of the seven weeks of exceptionally mild temperatures which ended at the middle of the month. Growth was retarded by frosts during the last half, but as the month ended there was good grazing for cattle in most areas from winter crops, wild grass, and clover. Relatively few peach trees had bloomed in the commercial orchards, and little damage was done by frost. The outlook for peaches, however, was dimmed by the prospect of fruiting and growth being impeded by the lack of sufficient cold during the normal period of dormancy. Some strawberries were marketed in Butler and Conecuh Counties early in the month.

Field work made good progress in the south and east-central portions, but did not get under way in the north until toward the end of February, due to excessive soil moisture. Near the coast Irish potatoes were being cultivated and the planting of other early crops was begun.

HAIL

At Decatur, on the 6th, at 11:45 p.m., hail fell for about five minutes, with stones up to the size of hen eggs. This storm moved from NW to SE, along a path two miles wide, and did about \$50,000 damage, mainly to roofs, greenhouses, neon signs, and windows.

In northeast Tuscaloosa County, at about 4 p.m. on the 25th, there was hail with a few stones up to 2 inches in diameter. A plane pilot reported the ground was whitened over a large area in the East Brookwood and Brookwood area. The storm moved from WNW to ESE. Damage was probably near \$10,000, mostly to fruit trees and shrubbery, with some deterioration of roofs inferred.

At Talladega Springs, 13 miles west of Sylacauga, in Talladega County, at 4:10 to 4:30 p.m., on the 25th, heavy hail drifted several inches deep in low places, with stones the size of marbles. The storm moved from NNW to SSE along a path 1/2 mile wide, with \$3,000 damage to roofs, windows, and vegetation.

A thunderstorm, with hail along a path two miles wide, moved from Clanton to the northeastern suburbs of Montgomery on the late afternoon and early evening of the 25th. This thunderstorm, with light hail, was first reported at Clanton at 5 p.m. It moved slowly toward the SSE, and dissipated a short distance NE of Montgomery at about 8:30 p.m., where light hail was also reported. There was no precipitation in downtown Montgomery, although thunder was heard. The hail was heavy at Marbury and Verbena, and it was likely heavy for some distance southward. There were stones up to one inch in diameter at Verbena and the size of marbles at Marbury. Damage was estimated at \$30,000, mostly to roofs, gardens, and windows. Highway traffic on the Birmingham-Montgomery road was slowed for about an hour by ice on the pavement.

All three of the storms on the 25th were local and isolated, with little cloudiness in the intervening area at the time they occurred.

THUNDERSQUALL

At Pushmataha, at 6 p.m. on the 13th, a thundersquall damaged three houses and uprooted several trees. Damage was \$3,000.

FLOODS

Stages in the lower Tombigbee remained high during the early part of the month. On the 7th and on the 9-10th rain caused a further rise which kept the lower Tombigbee above flood stages until past the end of the month. Since the water spread over territory recently inundated, damage was slight.

There were no floods in the other rivers of the State.---F.C.P.

ACKNOWLEDGMENTS

In addition to the climatological data from some 6,000 Weather Bureau and cooperative weather stations, this bulletin series contains records from Hydroclimatic Network Stations which were formerly reproduced in the Hydrologic Bulletin Series. The Hydroclimatic Network is a nationwide net of rain gages--mostly of the recording type which produce continuous records of precipitation. It was established in 1939 at the request of the Corps of Engineers, Department of the Army, to supplement existing precipitation stations in order to provide records of rainfall intensity which were essential to the planning of flood control and related works by the Corps of Engineers. This Network, now numbering about 2,000 recording, and 1,000 non-recording rain gages, has been maintained by the Weather Bureau through working funds transferred annually to the Weather Bureau by the Corps of Engineers. These transfers averaged about \$250,000 per year between 1940 and 1944, and nearly \$375,000 since that date. For the years 1940-42, the Department of Agriculture transferred about \$100,000 per year to provide data required in its work, and since 1947 the Bureau of Reclamation has transferred about \$25,000 per year to meet the increasing needs of their program in the Western States.

Previous to the introduction of this bulletin series, data from Hydroclimatic Network stations were presented in bulletins (Hydrologic Bulletins) which were issued monthly for each of 8 drainage areas embracing the entire United States, but since the Network was established to meet the internal requirements of the Federal agencies referred to above, no provision was made for public dissemination of the data, distribution being limited to cooperating agencies and to certain public repositories. A list of locations where reference copies of the Hydrologic Bulletin Series are available for inspection may be obtained upon application to Chief, U.S. Weather Bureau, Washington 25, D. C.

Many other records published in this bulletin have been made available through the cooperation of various public offices, private agencies, and individuals as listed in the Station Index.

SUPPLEMENTAL DATA

ALABAMA
FEBRUARY 1950

Station	Wind direction		Wind speed m. p. h.				Relative humidity averages - percent				Number of days with precipitation							Percent of possible sunshine	Average sky cover sunrise to sunset	Degree days 65° base
	Prevailing	Percent of time from prevailing	Average	Fastest mile	Direction of fastest mile	Date of fastest mile	12:30 a CST	6:30 a CST	12:30 p CST	6:30 p CST	Trace	.01-.09	.10-.49	.50-.99	1.00-1.99	2.00 and over	Total			
ANNISTON WB AIRPORT	E	13	7.9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BIRMINGHAM WB AIRPORT	SSE	11	9.7	39	SE	14	79	84	51	60	7	2	5	2	1	0	17	57	5.4	354
MOBILE WB CITY	NNE†	11†	9.4	38	SW	14	85†	89†	57†	73†	0	7	3	0	0	0	10	57	5.1	176
MONTGOMERY WB CITY	S†	9†	7.9	28	SW	14	79†	85†	49†	60†	3	0	4	1	2	0	10	70	4.5	237
† AIRPORT DATA																				

COMPARATIVE DATA

Table 1

Year	Temperature			Precipitation		Year	Temperature			Precipitation		Year	Temperature			Precipitation		
	Average	Highest	Lowest	Average	No. of days 0.1 or more		Average	Highest	Lowest	Average	No. of days 0.1 or more		Average	Highest	Lowest	Average	No. of days 0.1 or more	
1884	53.6	80	20	6.21	-	1909	51.1	89	5	7.51	10	1934	45.5	80	9	4.73	7	
1885	43.3	81	1	3.63	8	1910	45.7	80	-4	5.40	9	1935	50.2	82	10	4.41	8	
1886	44.2	86	4	3.03	5	1911	54.6	84	15	3.28	7	1936	46.5	89	-7	7.34	10	
1887	37.5	81	20	5.68	8	1912	43.2	76	2	4.99	9	1937	48.8	83	14	4.93	9	
1888	50.8	79	9	5.29	9	1913	47.8	80	10	5.74	7	1938	35.5	85	18	1.50	4	
1889	45.9	80	7	4.09	6	1914	46.1	82	13	4.19	8	1939	53.5	87	10	4.21	13	
1890	57.1	84	24	6.82	8	1915	48.6	74	17	4.79	7	1940	45.9	82	10	4.89	12	
1891	54.3	83	15	8.57	14	1916	47.2	80	10	4.00	7	1941	44.4	72	17	4.78	9	
1892	52.4	83	18	3.27	6	1917	48.9	85	2	5.53	9	1942	44.9	79	11	4.73	7	
1893	52.7	82	14	6.42	10	1918	53.6	86	9	2.39	7	1943	50.9	83	7	4.30	4	
1894	48.7	80	12	7.47	12	1919	47.7	80	17	6.93	10	1944	55.7	86	10	7.21	10	
1895	38.0	77	-5	2.69	6	1920	46.3	77	11	4.11	9	1945	53.2	85	10	7.05	12	
1896	48.3	77	8	5.82	9	1921	51.0	81	16	5.21	9	1946	51.2	78	17	6.98	8	
1897	51.6	85	12	6.56	9	1922	54.3	83	15	6.11	9	1947	42.8	80	9	1.98	4	
1898	46.3	82	10	2.08	5	1923	47.8	83	10	5.93	9	1948	52.1	86	14	6.31	12	
1899	40.3	80	-17	6.08	15	1924	47.1	81	12	4.59	8	1949	53.9	84	12	6.80	10	
1900	44.5	82	6	8.46	10	1925	53.5	82	19	3.53	8	1950	54.4	84	10	4.18	10	
1901	43.5	74	11	4.23	6	1926	51.2	80	20	4.42	6	Period					4.24	10
1902	41.0	73	11	6.57	8	1927	58.7	85	22	6.45	8							
1903	48.6	83	0	10.82	10	1928	48.2	83	11	3.79	8							
1904	49.5	84	18	4.07	8	1929	46.0	78	12	9.17	11							
1905	39.9	77	-18	7.42	10	1930	53.9	86	19	2.26	6							
1906	46.0	75	11	2.51	6	1931	49.8	77	18	3.41	7							
1907	49.5	81	14	4.98	8	1932	58.1	86	22	5.02	9							
1908	44.7	79	8	6.26	9	1933	49.1	84	-2	6.21	12							

SEE REFERENCE NOTES FOLLOWING STATION INDEX

CLIMATOLOGICAL DATA

ALABAMA
FEBRUARY 1950

Table 2

Station	Temperature								Precipitation									
	Average	Departure from normal	Highest	Date	Lowest	Date	No. of days		Total	Departure from normal	Greatest day	Date	Snow, Sleet, Hail			No. of days		
							Max 90° or above	Min 32° or below					Total	Max. depth on ground	Date	01 or more	25 or more	100 or more
NORTHERN DIVISION																		
ALBERTVILLE 1 S	50.3M	1.7	73	2	24	27	0	12	3.36	1.52	.75	2	0				7	0
ANNISTON WB AIRPORT	51.1		78	1	24	20	0	9	4.43	1.00	1.39	14	0				4	2
BELLE MINA 2 N	49.8M		73	10	25	17+	0	14	7.03		1.84	14	0			11	2	
BIRMINGHAM WB AIRPORT	52.4	3.0	77	1	25	17	0	8	4.28	.78	1.21	2	0			10	6	
BIRMINGHAM WB CITY	55.4	7.4	78	1	28	17	0	5	4.31	.77	1.22	3	T			12	6	
CORDOVA	52.7	6.7	77	1+	22	17+	0	13	4.99	.10	1.30	7	T			7	7	
DECATUR	50.5	6.5	75	13	28	17+	0	10	7.21	2.78	2.01	14	T			9	7	
FAYETTE	50.5		75	1+	23	17	0	13	6.05	.56	2.19	14	0			11	7	
GADSDEN	49.2	4.1	77	2	22	20	0	15	3.92	1.48	1.68	3	0			9	6	
GOODWATER	52.6	8.5	78		26	18	0	10	5.41	.20	2.49	10	0					
HALEYVILLE	50.7		75	7					6.92		2.52	14	0			9	6	
HUNTSVILLE	47.7		72	7	24	17	0	12	7.36	2.76	1.77	1	0			12	9	
LINCOLN	52.8M		80	1	23	17+	0				1.16	9	0					
MADISON	49.1	4.9	72	7+	26	17+	0	14	5.77	1.18	1.47	3	0			15	7	
MUSCLE SHOALS CAA APT	48.5	5.3	74	12+	28	26	0	11	7.89	3.25	2.92	13	T			12	8	
ONEONTA	49.2	5.4	75	2	23	20	0	16	5.13	.27	1.18	3	0			10	7	
ROCK MILLS	52.7		77	1	23	17+	0	11	4.31	1.29	1.58	10	0			12	7	
SAINT BERNARD	48.5	2.8	74	8	24	17+	0	17	6.08	1.16	.97	8	0			11	10	
SAND MTN STA FARM AP	49.7		72	1	24	27	0	8	5.01		1.32	2	0			11	7	
SCOTTSBORO	49.2	5.9	74	7	22	20	0	12	5.89	1.03	1.20	2+	0			9	7	
TALLADEGA	53.1	5.4	78	1	22	20	0	10	6.33	.83	1.58	9	0			11	5	
TUSCALOOSA CAA APT	54.1	7.0	81	1	25	17	0	8	4.99	.04	1.71	9	T			9	5	
UNIVERSITY	53.9	6.8	78	1	27	17	0	6	4.34	.69	1.42	9	0			8	7	
VALLEY HEAD	46.9	3.7	70	1	19	17+	0	15					0					
DIVISION	50.9								5.50				T					
MIDDLE DIVISION																		
ALEXANDER CITY 6 NE	54.1		79	1	22	18	0	11	4.81		1.71	9	0			7	5	
AUBURN	53.1	1.9	78	1+	27	17+	0	9	3.44	- 2.01	1.10	10	0			7	5	
CAMDEN	58.2		83	1+	30	20	0	5	3.33		2.10	10	0			7	3	
CAMP HILL 2 N	53.0M		77	1+	24	18	0	9	4.50		1.83	9	0			5	5	
CENTREVILLE	56.7	7.2	80	1	26	17	0	7	3.68	- 1.89	.89	22	0			9	6	
CLANTON	53.0	5.0	80	2	27	17	0	11	5.21	.40	2.00	10	T			10	8	
DAYTON	58.6M		83	1	27	17	0	7	3.28		1.49	10	0			5	3	
EUFULA	57.4	7.4	81	1	25	18	0	5	2.92	- 2.60	1.38	23	0			7	4	
GREENSBORO	56.8	7.2	82	1	27	17	0	5	3.83	1.30	1.07	22	0			7	5	
GREENVILLE	58.2	8.0	81	1	31	21	0	2	1.63	- 4.04	.62	23	0			9	3	
HIGHLAND HOME	58.4	6.6	80	1	31	16+	0	2	2.03	- 3.61	.67	14	0			4	4	
LA FAYETTE	54.2		79	1	27	17+	0	7	3.02		1.20	9	0			4	4	
LIVINGSTON	56.6	8.2	82	1	28	17	0	7	4.87	.21	1.33	14	0			9	5	
MAXWELL FIELD	56.7		80	1	33	17+	0	6	3.53		1.40	10	0			7	4	
MONTGOMERY WB APT	56.0		82	1	29	18+	0	6	3.44		1.46	10	0			6	3	
MONTGOMERY WB CITY	57.1	5.5	81	1	35	16+	0	0	4.13	- 1.32	1.55	10	T			7	4	
PRATTVILLE	56.5	6.4	83	1	29	17+	0	6					0					
PUSHMATAHA	55.9M	5.5	82	1	27	17	0	8	4.79	- 1.07	3.00	10	0			4	4	
SELMA	58.9	7.8	84	1	30	17	0	4	3.80	- 1.46	2.61	10	0			6	4	
THOMASVILLE	57.6	7.7	83	1	31	16+	0	2	3.78	- 1.61	2.20	10	0			6	4	
TROY	56.9	4.0	80	1	32	17	0	1	3.47	- 2.08	1.55	10	0			5	4	
TUSKEGEE	55.9	5.3	80	1	28	18	0	5	3.69	- 1.46	1.01	10	T			9	5	
UNION SPRINGS			82	1	28	17	0						0					
WETUMPKA	56.8	6.7	80	1	30	18	0	4	5.35	- .19	1.85	10	0			8	7	
DIVISION	56.4								3.75				T					
SOUTHERN DIVISION																		
ANDALUSIA	58.2		82	3	31	17	0	1	2.40		.76	14	0			6	3	
ATMORE STATE FARM	60.0		81	2	30	20	0	5	1.97		.60	10	0			6	3	
BAY MINETTE	59.5	4.1	82	2	30	17	0	2	1.53	- 4.25	.92	22	0			6	1	
BREWTON 3 SSE	57.6	4.1	83	2	25	17+	0	7					0			9	5	
CHATAM	57.7		83	1	25	17+	0	8	3.76		1.48	10	0					
CITRONELLE	60.1	5.6	82	2	34	17	0	0	3.80	- 2.25	1.02	13	0			6	4	
DOTHAN CAA AIRPORT	58.1		80	2+	30	18	0	2	1.98	- 3.20	.56	22	0			8	3	
EVERGREEN CAA APT	56.4		82	2	25	17+	0	7	3.01		1.15	2	0			7	4	
FAIRHOPE	57.3	1.6	81	1+	27	17	0	6	.68	- 4.41	.21	10	0			6	0	
FORT MORGAN	62.0		77	1+	42	15	0	0	.53		.23	22	0			6	0	
FRISCO CITY	57.8		81	3+	30	17	0	2	2.97	- 2.28	.63	10	0			7	5	
GENEVA	58.6		83	8	27	18	0	5	1.66	- 3.94	.56	11	0			5	4	
LOCKHART	58.7		82	13+	32	17+	0	3	1.94		.67	14	0			6	4	
MOBILE WB AIRPORT	59.0		80	2	32	17	0	1	1.92		.83	22	0			10	1	
MOBILE WB CITY	60.0	5.3	79	2	35	17	0	0	.94	- 4.39	.37	22	0			10	1	
OZARK	59.2	6.2	80	2	32	17	0	1	2.16	- 3.52	.72	22	0			5	5	
ROBERTSDALE 7 E	58.9		79	2	31	18	0	4	1.45	- 3.98	.61	13	0			7	3	
SPRING HILL	58.9M	4.2	81	3	33	17	0	0	1.93	- 3.59	.57	23	0			8	3	
DIVISION	58.8								2.04				0					
STATE	54.4	5.5							4.19	- 1.05			T					

See reference notes following Station Index.

ALABAMA
FEBRUARY 1950

St. 1322

See reference notes following Station Index

ALABAMA
FEBRUARY 1964

See reference notes following Station Index

HOURLY PRECIPITATION

ALABAMA
FEBRUARY 1950

Table 4

Station	A. M. Hour ending												P. M. Hour ending											
	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	
-1st-																								
ADDISON									.05	.01	.23	.10	.02	.01										
ANNISTON WB AIRPORT	.03																							
ATMORE STATE FARM																								
BELGREEN								.04	.05	.01		.06	.14	.10	.12	.01	.13							.11
BERRY																								.71
BEAR 2 SE						.01			.05	.08	.13	.05	.10	.14	.01	.02	.07	.03						.08
BOAZ																								
EVERGREEN CAA APT																		.15	.09	.14	.01			.07
FLAT ROCK																		.12						.03
PORT PAYNE																								.02
GARDEN CITY																			.07	.07	.05	.04		.05
GUNTERVILLE REC																								.05
HALEYVILLE							.01		.03	.04	.10	.07	.07	.01	.14	.14	.19	.15	.08	.04	.01			.01
HUNTSVILLE														.60										
JACKSONVILLE																		.70						
MOULTON																								
MUSCLE SHOALS CAA A				.01			.02				.15	.11	.04	.03	.33	.04	.19	.19	.08	.01				.05
PAINT ROCK	.12													.15				.45						.05
RIVER FALLS														.17	.15	.33	.09	.18	.30	.04	.05			.05
TONET							.01																	
TRAYFORD													.05	.06	.02	.29	.18	.04	.06	.19	.01			.01
TUSCALOOSA CAA APT																								.01
UNIVERSITY																								.05
VERNON																								.05
-2d-																								
ADDISON	.03	.01	.05	.01	.01					.04	.03	.13	.18	.03		.02	.01	.01						.06
ANNISTON WB AIRPORT																								.01
ASHLAND																								.04
ATMORE STATE FARM																								.01
BELGREEN		.02						.02	.25	.08	.12	.14	.16	.04										.01
BEAR 2 SE	.02	.01				.01	.06	.06	.16	.19	.09	.07	.06	.01										.01
BIRMINGHAM WB APT		.01	.03	.22	.30	.10	.12	.31	.02		.05		.01	.02	.18	.01	.01	.25	.11	.15	.04			.01
BOAZ	.02	.02	.01	.06	.06	.02									.12	.08	.04	.04	.04	.04				.01
CAMPBELL																								.01
DADEVILLE NO 2																								.01
EUTAW LOCK NO 7																.04	.10	.02	.02	.01	.01	.01	.01	.01
EVERGREEN CAA APT	.01	.01														.01	.09	.13						.01
FLAT ROCK																								.05
PORT PAYNE									.02				.08	.11	.08	.14	.01	.08	.04					.01
GARDEN CITY	.06	.09	.11	.09	.06	.04				.40	.29	.10	.11	.41	.01		.09	.09	.07	.03	.01			1.95
GUNTERVILLE REC	.01											.20	.16	.08	.16	.10								.01
HALEYVILLE		.01	.01					.02	.06	.08	.23	.06	.25	.04		.01								.01
HUNTSVILLE	.11					.05																		.01
JACKSONVILLE				.01	.01	.02	.05	.09	.02	.01						.27	.11	.03	.01	.01				.01
LAYMAN																								.01
LOCK NO 1																								.01
MAGNOLIA																								.01
MOBILE WB AIRPORT																								.01
MOBILE WB CITY																								.01
MOULTON							.05		.10	.18	.12	.14	.07	.09	.03									.01
MUSCLE SHOALS CAA A	.01												.51											.01
PAINT ROCK				.02		.03		.05			.01	.30	.22	.08	.20	.20	.08	.07	.03	.01				.02
PETERMAN	.01																							.01
TONET	.01	.09	.15	.11	.09	.07			.03	.04	.19	.19	.04	.40	.03	.01	.03	.03	.03	.03				.01
TRAYFORD	.01	.09	.15	.11	.09	.07			.03	.04	.19	.19	.04	.40	.03	.01	.03	.03	.03	.03				.01
TUSCALOOSA CAA APT	.01	.09	.15	.11	.09	.07			.03	.04	.19	.19	.04	.40	.03	.01	.03	.03	.03	.03				.01
UNIVERSITY	.01	.09	.15	.11	.09	.07			.03	.04	.19	.19	.04	.40	.03	.01	.03	.03	.03	.03				.01
VERNON	.01	.09	.15	.11	.09	.07			.03	.04	.19	.19	.04	.40	.03	.01	.03	.03	.03	.03				.01
-3d-																								
ANNISTON WB AIRPORT	.01																							.01
EUTAW LOCK NO 7	.15																							.01
EVERGREEN CAA APT																								.01
FLAT ROCK																								.01
HUNTSVILLE																								.01
MOBILE WB AIRPORT	.10							.48																.01
MOBILE WB CITY	.01	.01																						.01
MUSCLE SHOALS CAA A	.02																							.01
TUSCALOOSA CAA APT	.02																							.01
-4th-																								
BERRY																								
CAMPBELL						.04	.02																	
-6th-																								
BELGREEN																		.02						.01
BEAR 2 SE																								.84
BIRMINGHAM WB APT								.01																.01
BOAZ																								.01
EUTAW LOCK NO 7																								.01
PORT PAYNE																								.01
GARDEN CITY																								.01
GREENVILLE NO 2																								.01
GUNTERVILLE REC																								.01
HALEYVILLE																								.01
HUNTSVILLE																								.01
MOBILE WB AIRPORT																								.01
MOBILE WB CITY																								.01
MOULTON																								.01
MUSCLE SHOALS CAA A																								.01
PAINT ROCK																								.01
TONET						.01		.02	.06	.01	.01	.04												.01
VERNON																								.01
-7th-																								
ABILEVILLE																								.02
ADDISON	.25	.0	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01
ANNISTON WB AIRPORT														</										

Table 4-Continued

HOURLY PRECIPITATION

ALABAMA
FEBRUARY 1950

Station		A. M. Hour ending												P. M. Hour ending												Total	
		1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12		
GUNTERSVILLE REC		.04	.05	.01	.02	.18	.11							.02												.43	
HALEYVILLE		.72	.03	.01	.01				.09																	.86	
HUNTSVILLE	6	.30	*	*	*	*	*	.65	*	*	*	*	*	.02												.88	
JACKSONVILLE			.01	.12	.23	.05	.01	.13	.19	.13	.01	*	*												.11		
LAY DAM					.04	.03	.02	.02																		.35	
MIDWAY				.01				*	*	*	*	*	*	.01												.35	
MOBILE WB AIRPORT	6	.12																							.01		
MOBILE WB CITY				.01																					.01		
MONTGOMERY WB APT	6				.37	.18	.62	.33	*	*	*	*	*	.13												.01	
MOULTON																		.06								1.56	
MUSCLE SHOALS CAA A	6	.54	*	*	*	*	*	.94																		1.35	
PAINT ROCK		.61	.19		.08	.09	.33	.05																		.60	
THORSBY 1 SW																										.40	
TONEY		.01				.39																				.76	
TRAFFORD			.09	.60	.01		.01	.02	.03																	.31	
TUSCALOOSA CAA APT	6		*	*	*	*	*	.14	*	*	*	*	*	.06												.05	
UNIVERSITY					.01	.08	.01	.03					.01	.15	.01	.01											
VERNON					.01	.01	.01	.01	.01																		
-8th-																											
ABBEVILLE								.08	.05																	.13	
ANNISTON WB AIRPORT	6							*	*	*	*	*	*	.08	*	*	*	*	*		.01					.40	
ASHLAND	//							.06	.33		.01	*	*													.02	
BERRY																		.05								.02	
DOTHAN CAA AIRPORT																										.05	
FLAT ROCK		*	*	*	*	*	*		1.76																	1.76	
HUNTSVILLE	6												.03								*	*	*	*	*	.05	
JACKSONVILLE																										.02	
LAY DAM		.02		.01																						.03	
MIDWAY			.03	1.27	.08	.03	.04	.08	.10	.02	.01	*	*	*	*	.02										1.66	
MOBILE WB AIRPORT	6							*	*	*	*	*	*														
MUSCLE SHOALS CAA A	6													.02							*	*	*	*	*	.02	
THORSBY 1 SW		.02																								.02	
-9th-																											
ABBEVILLE																	.01	.47	.11							.59	
ADDISON		.01	.09	.18	.01	.19	.01	.01	.02	.01	.01	.05		.82									.01	.01	.01	.62	
ANNISTON WB AIRPORT	6	*	*	*	*	*	.26	*	*	*	*	*		.24	.09	.05	.03	.02		.01		.01				.46	
ASHLAND	//			.01	.01	.03	.42	.09	.18	.15	.39	.35					.43						.01	.01	.01	2.11	
ATMORE STATE FARM														.47	.02	.03	.02	.03								.57	
AUBURN SCS IO																										.52	
BELGREEN		.11				.18	.21	.02																		.68	
BERRY		.03		.01	.14	.21	.07	.01	.01	.03	.13										.01	.01	.01	.01		.13	
BEXAR 2 SE							.01	.08	.02	.01	.01															.81	
BIRMINGHAM WB APT		.09	.14	.04			.07	.17	.18	.05			.06				.01									.38	
BOAZ				.01			.14	.04	.04	.06	.18	.02	.07	.02	.20	.05	.01	.01	.01	.01	.01		.03			.34	
CAMPBELL																										.01	
DADEVILLE NO 2										.07	.07		.01	.09	.30	.18	.07	.06	.10	.05	.01	.01				1.03	
DOTHAN CAA AIRPORT																	.15	.01								.16	
EUTAW LOCK NO 7										.01	.37	.10	.02	.03		.01	.04	.01			.01	.01	.07	.03	.01	.72	
EVERGREEN CAA APT	6													*	*	*	*	*		.16						*	
FLAT ROCK		.07	.01		.28	.17		.06						.04	*	*	*	*	*	*	*	*	*	*	*	*	
FORT MORGAN	//																		.11							.11	
FORT PAYNE			.05	.03	.04	.21	.06	.19	.03	.05			.02													.60	
GARDEN CITY				.06	.34	.09	.06	.01	.02	.03	.01	.10	.04	.01									.01	.13		.59	
GUNTERSVILLE REC		.09	.01	.02	.05	.01	.04	.03	.01				.03											.03		.74	
HALEYVILLE	6	.03	*	*	*	*	.36	*	*	*	*	*	.32													.26	
HUNTSVILLE				.04	.18	.14	.12	.10	.01	*	.08	.23	.12	.08	.09	.02	.02	.01			.01		.01	.01	.05	1.10	
JACKSONVILLE				.09	.73	.31	.01	.01	.82	.19	.15	.06	.15	.06	.20	.05	.01	.02	.01							2.59	
LAY DAM														.20	.05	.01	.02	.01								.31	
LOCK NO 1										.09	.55	.12	.03	.02	.01	.02	.02	.01		.01		.01	.01	.01	.01	.31	
MAGNOLIA														.12	.03					.02						.90	
MARION 1 SSE		.13	.01	.05	.03					.25	.09	.21	.07	.04	.02	.02	.02	.01		.01	.01	.05	.05	.09	1.13		
MIDWAY														.01	.08	.11	.06			.02						.28	
MOBILE WB AIRPORT	6													*	*	*	*	*	*	.11	*	*	*	*	*	.03	
MOBILE WB CITY																				.18							
MONTGOMERY WB APT	6													*	*	*	*	*		.01	.01						
MOULTON		.20	*	*	*	*	.11	.14	.08	*	*	*	*	.04		.02										.55	
MUSCLE SHOALS CAA A	6	.03	*	*	*	*	.38	*	*	*	*	*	*	.04		.02	.01		.10	.02						.15	
NEW BROCKTON															.02	.01										.48	
PAINT ROCK		.21	.11				.38	.13	.09	.08			.12		.19	.17	.08	.01		.07					.03	1.29	
PETERMAN														.06	.29	.20	.04	.02		.01	.01	.01	.01	.01	.06	.66	
PLEASANT HILL		.01	.10	.27	.66	.05	.40	.11	.09	.01	.49	.21	.06	.11	.05	.02	.01		.01	.01	.01	.01	.01	.03	.06	2.06	
THORSBY 1 SW																										1.20	
TONEY		.01	.03	.01	.01	.10	.03	.01	.01	.14	.09	.10	.01			.35	.77	.02		.01		.01				.55	
TRAFFORD																										1.16	
TROY																											
TUSCALOOSA CAA APT	6	*	*	*	*	*	.04	*	*	*	*	*	*	1.62	*	*	*	*	*	.04	*	*	*	*	*	.04	1.42
UNIVERSITY					.01	.01	.01	.02	.23	.05	.05			.02	.01		.01	.01								.98	
VERNON		.04	.36	.19	.04																						
-10th-																											
ABBEVILLE					.01																						

ALABAMA
FEBRUARY 1950

[illegible]

See reference notes following Station Index.

Table 4-Continued

HOURLY PRECIPITATION

ALABAMA
FEBRUARY 1950

		A. M. Hour ending												P. M. Hour ending												Total	
Station		1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12		
-15th-																											
PLEASANT HILL																											
TUSCALOOSA CAA APT	6	.01																									
-17th-																											
FLAT ROCK																											
-18th-																											
ANNISTON WB AIRPORT	6																										
MOULTON																											
MUSCLE SHOALS CAA A	6																						.03			.03	
PAINT ROCK																							.01			.01	
-19th-																											
MUSCLE SHOALS CAA A	6	.04																									
-21st-																											
ADDISON																			.02						.01	.02	
BELGREEN																								.02	.10	.09	
BERRY																		.01	.01					.01	.01	.05	
BEKAR 2 SE																					.01			.03	.06	.15	
EUTAW LOCK NO 7																									.02	.02	
GUNTERVILLE REC																									.02	.02	
HALEYVILLE																									.06	.09	
HUNTSVILLE	6																										
MAGNOLIA																									.01	.01	
MARION 1 SSE																											
MIDWAY																											
MUSCLE SHOALS CAA A	6																										
PAINT ROCK																									.01	.02	
TONEY																								.03	.05	.02	
TUSCALOOSA CAA APT	6																								.02	.09	
VERNON																									.02	.05	
-22d-																											
ABBEVILLE					.01	.01	.02	.07	.04	.01	.05	.14	.41	.43	.26	.01											
ADDISON		.03	.05	.07	.02	.05	.04	.03	.01																		
ASHLAND	//				.01	.05	.02	.01	.03	.19	.45	.22	.08	.07				.06	.04	.02	.04	.04					
ATMORE STATE FARM					.01	.04	.10	.10	.01	.11	.11																
AUBURN SCS 10					.02	.08	.02	.04	.09	.15	.10																
BELGREEN		.16	.05	.22	.02	.01	.02																				
BERRY		.02	.02	.01	.05	.06	.07	.01	.02																		
BEKAR 2 SE		.10	.05	.05	.09	.03		.01		.01	.01																
BIRMINGHAM WB APT			.06	.01	.02	.01	.09	.02	.01	.03	.03						.16	.03									
BOAZ			.07	.02	.01	.02	.10	.05		.10																	
CAMPBELL		.01	.01	.04	.04	.01	.01		.16	.06	.02	.01					.07										
DADEVILLE NO 2				.03	.11	.11		.02		.13	.05	.06	.05	.03													
DOTHAN CAA AIRPORT					.06	.04				.01	.07	.30	.02														
EUTAW LOCK NO 7	6	.01	.04								.10	.01															
EVERGREEN CAA APT																											
FLAT ROCK	//																										
FORT MORGAN											.34																
FORT PAYNE											.05						.05	.09	.03								
GARDEN CITY			.05	.04		.02	.07	.01	.08	.06																	
GREENVILLE NO 2			.03	.01	.06	.01	.04		.06	.28	.11	.19	.01														
GUNTERVILLE REC		.08			.06	.04	.03	.07									.03										
HALEYVILLE		.08	.02	.03	.04	.05	.01																				
HUNTSVILLE	6	.10							.35								.04										
JACKSONVILLE			.01	.01	.01			.14	.08	.04	.09	.07	.02	.01													
LAY DAM				.01	.01	.01	.06	.24	.08	.03	.08	.02					.01										
LOCK NO 1			.01	.01	.04	.20	.05		.19	.08							.01	.01									
MAGNOLIA		.01	.06	.01	.02	.02	.02	.03	.01	.20	.09	.01					.03										
MARION 1 SSE																											
MIDWAY																											
MOBILE WB AIRPORT	6																										
MOBILE WB CITY						.02	.02	.02	.12	.07	.10	.01															
MONTGOMERY WB APT	6							.18																			
MOULTON		.09	.02	.05	.02	.14	.01																				
MUSCLE SHOALS CAA A	6	.19						.16			.09	.20	.06	.01	.17												
NEW BROCKTON						.08	.30	.37																			
PAINT ROCK		.09	.01	.06	.01	.20	.01	.07									.02										
PETERMAN		.01	.21	.03	.01	.03	.01	.12	.15	.13	.18	.03															
RIVER FALLS 2 NE																											
THORNSBY 1 SW		.04	.03	.04	.01			.07	.03	.15	.12	.07	.01														
TONEY		.09	.06	.06	.02			.03	.04																		
TRAFFORD		.01	.03	.01	.04	.01	.09	.05	.02	.05	.01	.01															
TROY						.01	.05		.03	.04	.07	.04	.07														
TUSCALOOSA CAA APT	6	.01						.26						.24													
UNIVERSITY		.01	.01	.02	.11	.07	.19	.10	.19	.02	.04	.01		.02			.13										
VERNON		.04	.04	.02	.06	.07																					
-25th-																											
BIRMINGHAM WB APT																	.05										
DADEVILLE NO 2																				.01							
GARDEN CITY														.01	.08												
GREENVILLE NO 2																				.07	.02						
JACKSONVILLE																	.02										
MIDWAY																											
THORNSBY 1 SW																	.15	.01			.01	.39					
-26th-																											
FLAT ROCK																											
-28th-																											
ADDISON													.04	.11	.01	.06	.09	.07	.02				.19	.81	.37		
ANNISTON WB AIRPORT	6																							.23	1.91		
BELGREEN																								.06	1.73		
BERRY																								.01	.28		
BEKAR 2 SE																								.02	.13		
BIRMINGHAM WB APT													.03	.01	.03	.07	.10	.02	.01	.01			.03	.66	.24		
BOAZ																	.04	.01	.01					.16	.07		
EUTAW LOCK NO 7																	.06	.01	.03	.09	.05	.08	.01		.03		
FLAT ROCK																								.05	.17		
FORT PAYNE																								.12	.28		
GARDEN CITY																	.08	.05	.05	.10		.03		.03	.07		
GUNTERVILLE EC																	.02	.01	.08	.01				.12	.03		
HALEYVILLE													</														

HOURLY PRECIPITATION

ALABAMA
FEBRUARY 1950

Table 4-Continued

Station		A. M. Hourly												P. M. Hourly												Total
		1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	
BIRMINGHAM	6																									
JACKSONVILLE																										
MOBILE																										
MOBILE SHOALS SAA 1	6																									
PAINT ROCK																										
PLEASANT HILL																										
PRONG																										
TRAFALGAR																										
UNIVERSITY																										
VERMION																										

DAILY TEMPERATURES

ALABAMA
FEBRUARY 1950

Table 5

Station		Day of month																															Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
ALBERTVILLE 1 S	MAX MIN	70 62	73 58	62 32	56 31	64 32	65 50	68 56	71 54	60 47	57 47	61 43	64 36	55 55	68 56	60 38	44 28	47 26	59 27	66 29	57 26	64 35	64 51	27 31	63 31	69 34	53 30	48 24	56 39			61.2 39.2	
ALEXANDER CTY 6 NE	MAX MIN	79 61	76 63	72 42	68 32	67 30	68 45	69 54	68 52	64 52	61 53	69 49	66 53	75 62	72 60	60 38	54 31	57 24	65 22	58 20	63 24	66 26	68 52	64 33	66 26	73 32	68 43	63 26	74 29			66.9 41.2	
ANDALUSIA	MAX MIN	80 64	77 63	82 49	60 44	63 44	67 45	77 52	78 60	75 60	76 57	63 56	74 58	80 62	78 59	71 41	56 31	51 30	60 33	67 44	65 33	65 48	72 36	68 57	70 44	77 50	67 45	67 35	66 35			69.4 47.0	
ANNISTON WB AIRPORT	MAX MIN	78 54	73 46	57 31	63 31	67 35	72 40	71 52	59 51	60 51	61 51	66 42	68 51	74 58	70 46	50 34	52 29	55 26	64 29	55 30	66 24	66 32	66 41	54 33	64 29	70 35	58 36	59 27	68 34			63.6 38.5	
ATHORE STATE FARM	MAX MIN	80 62	81 61	77 45	65 45	72 43	78 46	79 59	77 62	76 60	65 57	75 55	78 61	76 60	73 57	65 38	58 32	60 31	70 32	68 46	67 30	73 32	70 57	66 35	72 35	77 45	75 55	70 36	78 61			72.2 47.8	
AUBURN	MAX MIN	78 57	78 61	76 45	62 36	66 35	66 43	72 47	68 54	63 52	65 53	61 46	72 50	68 57	75 60	53 38	53 30	55 27	63 40	63 28	53 27	65 40	67 35	65 35	72 43	54 29	63 32	58 32	62 32			64.9 41.3	
BAY MINETTE	MAX MIN	81 62	82 61	70 45	67 44	72 43	77 47	79 59	78 63	78 60	65 57	78 56	77 58	77 59	74 55	57 38	59 33	61 30	69 34	66 31	67 32	74 34	65 32	61 37	73 49	77 58	70 47	74 38	78 39			71.6 47.4	
BELLE MINA 2 N	MAX MIN	63 50	60 53	45 30	57 29	66 30	66 39	72 56	66 53	62 55	62 41	69 32	68 36	73 56	67 51	56 35	52 30	53 25	69 30	64 21	58 26	67 32	67 40	53 27	62 35	67 38	68 25	55 25	56 37			62.3 37.3	
BIRMINGHAM WB APT	MAX MIN	77 61	68 42	55 35	63 32	67 38	72 53	74 55	71 55	62 56	57 43	65 37	73 56	73 63	71 42	51 34	53 32	68 25	65 30	55 33	68 26	68 33	55 38	66 31	73 31	57 38	61 33	68 27	68 43			64.6 40.1	
BIRMINGHAM WB CITY	MAX MIN	78 63	74 60	61 36	65 42	67 54	73 55	74 60	69 55	63 51	59 55	70 52	72 39	73 56	72 54	57 35	59 30	70 25	69 30	63 21	65 26	69 34	69 54	59 38	74 45	60 38	63 40	67 29	48 48			66.7 44.0	
BREWTON 3 SSE	MAX MIN	78 57	83 55	77 47	68 35	70 41	77 35	79 51	76 54	67 57	68 53	78 54	81 63	80 63	78 57	68 40	58 29	61 25	70 25	68 36	67 25	72 25	68 33	63 36	72 32	79 37	70 55	69 28	75 33			72.6 42.6	
CAMDEN	MAX MIN	83 62	83 63	68 41	64 40	71 35	76 51	75 57	75 57	65 56	74 52	81 62	76 64	73 57	58 46	56 31	56 33	69 32	61 44	64 30	71 31	69 55	65 33	71 32	77 42	73 51	63 35	77 44			70.6 45.8		
CAMP HILL 2 N	MAX MIN	77 52	77 58	70 40	62 32	63 32	65 42	78 58	70 53	63 60	65 55	68 54	70 55	70 55	60 40	52 25	57 24	65 25	56 36	60 25	65 34	65 46	60 34	67 28	75 48	62 30	60 38	73 38			65.3 40.7		
CENTREVILLE	MAX MIN	80 66	74 64	66 41	60 36	64 52	76 62	74 52	70 58	66 52	62 60	70 66	76 66	76 66	72 38	58 32	54 26	60 30	70 28	59 40	65 28	69 58	70 34	58 31	69 40	76 48	70 48	64 32	72 38			67.9 45.5	
CHATOM	MAX MIN	83 61	81 60	67 41	66 41	73 35	79 41	80 58	79 56	74 59	74 56	77 54	79 58	75 65	74 33	57 29	59 25	63 29	71 25	66 25	68 26	72 32	70 32	65 30	72 38	79 52	75 30	70 36			72.0 43.4		
CITRONELLE	MAX MIN	80 65	82 66	69 45	65 41	71 55	77 61	78 60	76 59	76 57	76 53	76 63	74 65	73 63	56 36	57 35	61 34	69 40	64 47	65 36	72 40	67 58	62 35	71 40	78 52	68 35	68 37	77 50			70.6 49.6		
CLANTON	MAX MIN	76 61	80 63	75 40	57 36	62 38	65 47	74 58	72 57	69 56	63 50	61 50	68 59	72 57	73 35	66 30	52 28	54 28	55 28	66 31	56 28	60 33	67 32	68 30	54 31	66 42	76 30	55 40	80 30			65.1 40.9	
CORDOVA	MAX MIN	77 56	76 59	63 33	63 30	69 32	73 53	77 55	67 53	59 50	59 37	65 53	75 63	75 63	54 34	57 27	58 22	70 27	60 23	70 22	67 27	57 53	70 27	63 27	73 34	68 27	61 25	68 32			66.4 39.0		
DAYTON	MAX MIN	83 62	81 60	69 40	67 39	76 59	73 59	74 59	72 58	60 55	70 53	78 61	75 65	73 63	56 36	39 31	27 30	42 35	63 31	73 52	70 31	62 52	70 32	78 44	65 47	72 47	77 41			71.5 45.6			
DECATUR	MAX MIN	63 51	62 42	51 31	56 31	66 32	68 58	70 54	66 51	52 44	61 35	71 42	75 58	68 49	50 35	50 31	53 28	69 32	63 33	57 31	68 41	64 37	52 41	61 36	71 37	64 30	54 28	58 42			61.6 39.4		
DOTHAN CAA AIRPORT	MAX MIN	78 59	80 62	66 48	62 46	69 42	77 43	80 56	74 55	76 55	69 56	75 57	77 59	80 60	72 54	57 42	56 36	69 32	65 42	67 33	72 36	58 53	68 39	77 40	69 43	63 35	76 42			69.9 46.2			
EUFULA	MAX MIN	81 66	80 60	78 53	70 39	73 35	74 69	69 55	75 58	75 55	64 55	71 54	78 61	73 64	64 43	57 33	59 29	72 25	62 24	66 32	73 30	67 49	67 38	69 36	73 36	70 52	64 30	71 36			69.9 44.9		
EVERGREEN CAA APT	MAX MIN	80 59	82 57	59 44	64 41	69 36	77 50	80 51	74 56	77 57	66 55	75 50	79 68	78 47	57 38	58 29	61 25	69 38	63 25	67 25	72 46	70 35	58 31	71 37	78 42	67 34	68 32	78 40			70.4 42.2		
FAIRHOPE	MAX MIN	81 59	81 55	63 44	67 39	71 41	78 41	78 56	78 54	78 54	76 52	76 59	79 62	74 41	61 34	59 28	64 27	68 30	69 31	66 29	73 40	70 31	61 29	77 48	77 34	75 41	69 42	77 40			71.6 42.5		
FAYETTE	MAX MIN	75 55	75 56	63 31	53 32	62 38	68 72	74 54	63 56	62 48	58 35	61 40	66 51	72 60	53 30	51 27	52 23	57 29	70 32	55 25	63 22	68 36	68 56	66 35	74 35	52 28	63 35			63.5 37.7			
FORT MORGAN	MAX MIN	77 65	77 67	70 53	64 52	71 54	73 65	75 74	76 62	64 62	61 67	77 68	72 68	72 51	58 42	59 45	63 45	65 54	62 45	68 54	59 45	68 55	68 49	72 55	70 49	68 51			69.3 54.0				
FRISCO CITY	MAX MIN	80 62	80 61	81 45	58 43	65 43	71 45	77 50	81 60	75 62	76 58	64 53	74 55	79 63	78 55	69 38	56 33	61 30	78 33	69 38	56 34	66 31	71 49	68 33	70 44	77 49	66 35	69 37			70.2 45.5		
GADSDEN	MAX MIN	72 60	77 60	64 37	56 31	61 30	68 52	69 59	71 52	59 49	56 49	55 49	60 37	67 54	67 49	49 37	52 23	53 24	66 22	54 25	60 22	68 30	66 24	66 30	53 29	66 35	70 23	50 25			62.0 36.4		
GENEVA	MAX MIN	82 60	76 62	81 57	63 45	67 37	69 40	78 48	83 58	78 58	76 55	66 44	75 61	82 63	75 44	60 35	59 27	61 27	68 31	71 44	69 38	75 31	64 38	73 47	81 38	75 47	70 37	35 35			72.0 44.0		
GOODWATER																																	

DAILY TEMPERATURES

ALABAMA
FEBRUARY 1950

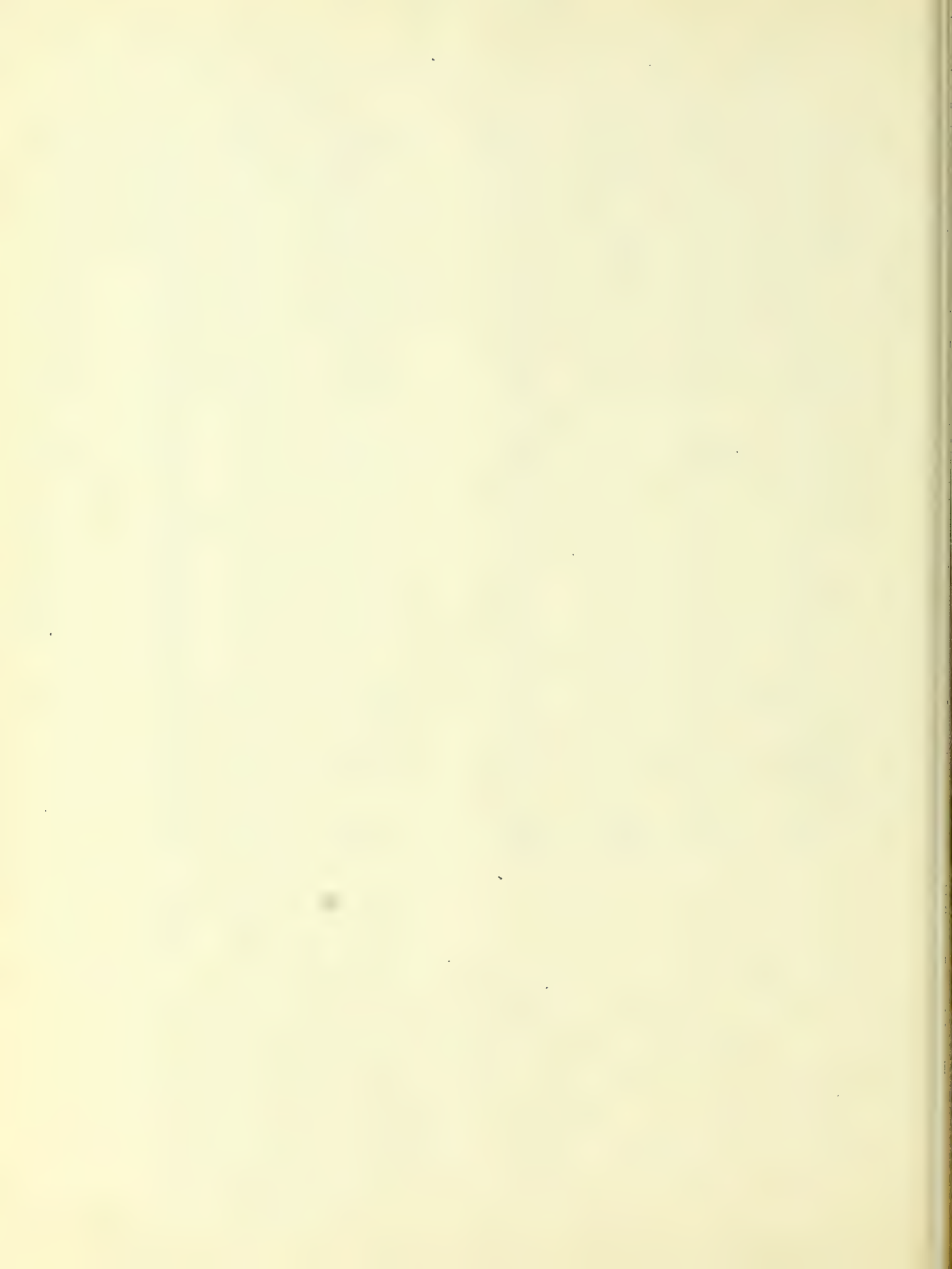
Table 5-Continued

Station		Day of month																															Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
EDLISON	MAX MIN	64 50	62 46	50 30	61 29	66 31	67 50	66 56	66 54	66 53	66 45	66 34	66 39	66 59	66 56	66 34	66 27	66 26	66 28	66 32	66 26	66 27	66 28	66 28	66 32	66 28	66 26	66 28	66 27	66 28	66 28	66 28	60.7 37.4
MARION JUNCTION 2 N	MAX MIN											70 50	80 59	76 63	74 54	55 35	55 29	58 28	69 29	69 30	65 30	72 28	71 52	56 32	67 32	77 39	68 60	64 30	78 39				- -
MAXWELL FIELD	MAX MIN	80 64	77 58	61 46	62 43	67 42	73 46	73 56	73 59	72 57	64 56	72 54	75 61	76 64	50 40	35 35	33 34	34 43	43 36	35 35	46 37	36 36	42 42	40 33	42 42							67.3 46.0	
MOBILE WB AIRPORT	MAX MIN	79 64	80 62	64 44	66 44	66 45	70 51	75 59	78 60	76 58	77 57	73 58	75 66	53 45	58 36	59 34	63 32	69 35	68 42	67 36	70 39	66 40	72 55	75 49	71 45	68 45	75 39					70.3 47.6	
MOBILE WB CITY	MAX MIN	76 66	79 66	67 47	66 47	70 53	73 63	78 63	73 62	77 57	66 58	74 58	76 68	67 47	58 39	59 38	60 35	66 40	67 47	67 40	68 38	58 50	58 38	70 41	72 52	69 63	68 78	72 38	69 39	68 32	72 39	69.3 50.7	
MONTGOMERY WB APT	MAX MIN	82 62	79 58	63 44	64 40	69 38	75 42	74 53	74 57	75 55	63 54	72 59	76 62	77 49	53 38	56 32	59 30	67 29	67 41	59 29	64 29	70 44	68 37	57 33	68 38	76 39	68 32	78 39				68.4 43.6	
MONTGOMERY WB CITY	MAX MIN	81 63	78 57	62 44	63 43	68 43	74 48	74 58	72 60	72 57	64 56	71 54	75 59	77 64	53 49	55 39	58 35	66 37	66 43	64 40	68 37	55 37	57 38	75 41	65 62	72 75	61 46	62 77				67.6 46.6	
MUSCLE SHOALS CAA AP	MAX MIN	58 45	57 34	46 30	55 31	65 55	68 56	70 53	68 46	67 39	52 34	59 53	71 55	43 32	48 30	56 29	69 35	50 32	56 29	65 32	65 30	53 34	62 39	71 37	45 28	54 29	62 40					59.1 37.8	
ONEONTA	MAX MIN	70 61	75 59	62 34	53 31	63 31	67 51	70 52	74 52	63 52	60 35	62 36	61 56	70 35	73 35	64 25	50 31	50 25	54 27	68 25	52 24	60 28	68 29	65 27	54 28	65 29	72 28	48 24	60 26			62.6 35.7	
OSARK	MAX MIN	76 60	80 61	77 52	64 44	69 42	77 45	73 55	73 55	73 56	75 55	76 55	79 58	69 61	55 42	58 33	55 32	58 33	67 44	65 33	67 37	65 54	69 37	78 38	74 41	64 56	77 41					71.4 47.0	
ORATEVILLE	MAX MIN	83 60	78 63	69 44	64 42	68 39	75 42	71 51	73 57	69 57	63 53	71 59	75 62	77 57	74 39	57 32	55 29	57 29	66 34	68 30	70 30	68 30	63 37	67 32	76 36	64 49	64 34					68.5 44.4	
PUSHMATAHA	MAX MIN	82 64	82 65	77 65	63 39	63 36	71 55	77 60	78 55	68 56	59 52	72 56	78 65				57 33	58 29	61 27	73 32	58 35	65 28	67 50	71 31	65 30	72 34	79 49	59 31	65 35			69.2 42.6	
ROBERTSDALE 7.5	MAX MIN	78 60	79 58	70 49	67 44	68 43	74 50	76 59	77 61	76 58	72 55	73 62	76 64	77 56	72 37	56 34	59 32	62 31	67 45	62 32	67 32	69 35	67 38	69 45	71 58	74 38	72 45	68 38	74 43			70.4 47.4	
ROCKWELL	MAX MIN	77 59	74 62	62 40	65 32	67 30	73 33	67 45	67 50	61 50	57 53	61 45	68 48	64 57	73 51	55 38	54 29	57 23	65 23	64 40	64 28	68 27	65 34	66 26	72 34	66 32	70 43	64 25	73 30			66.1 39.3	
SAINT NEONARD	MAX MIN	70 52	72 57	62 31	48 30	60 32	67 50	70 55	74 54	63 50	62 47	60 34	69 35	71 56	74 34	48 27	50 24	52 27	67 28	49 26	58 27	67 30	65 29	51 28	65 29	68 30	45 25	57 27				61.6 35.3	
SAN VIN SIA FRY AP	MAX MIN	72 59	69 57	58 34	60 32	62 35	64 48	69 54	62 47	55 44	58 36	63 52	64 50	60 51	65 33	54 28	47 27	50 29	63 29	56 25	68 34	63 28	49 33	63 35	68 27	63 24	54 37	57 37				60.4 38.9	
SCOTTSBORO	MAX MIN	67 53	61 45	63 32	65 35	68 32	67 49	74 54	60 52	57 48	55 41	65 40	68 38	72 55	60 33	59 27	62 23	78 25	63 36	58 22	57 22	65 42	58 28	62 28	69 28	65 35	58 23	55 30				61.4 37.0	
SELMA	MAX MIN	84 62	81 64	74 43	68 41	71 39	75 48	77 57	78 57	74 61	66 58	72 60	78 63	75 59	60 39	59 34	62 30	70 31	69 45	62 31	66 55	72 31	71 55	68 34	70 40	78 50	64 33	66 39				71.6 46.1	
SPRING HILL	MAX MIN		80 64	81 47	65 45	68 45	74 47	76 56	80 61	77 62	77 57	67 58	75 58	76 55	67 34	58 33	60 36	65 43	70 37	68 41	72 36	65 41	75 42	78 36	72 58	71 39	71 49					71.1 46.7	
TALLADEGA	MAX MIN	78 60	73 60	61 39	64 32	68 33	72 53	73 53	63 53	60 54	61 46	68 56	69 61	74 54	72 37	55 30	53 24	56 25	66 36	56 22	61 22	68 27	61 55	65 31	75 26	66 33	59 25	71 32				65.6 40.5	
THOMASVILLE	MAX MIN	83 63	77 58	58 40	62 40	71 42	77 53	78 60	75 61	72 57	63 53	74 62	79 65	75 50	55 34	56 31	59 38	70 33	58 45	65 35	71 36	69 51	55 31	70 36	78 49	64 66	66 76					68.8 46.4	
TROT	MAX MIN	80 62	78 63	79 48	62 41	69 45	76 51	76 56	73 58	74 55	62 55	73 62	74 55	77 62	71 40	53 33	53 32	55 34	65 43	59 33	62 35	70 47	68 36	55 43	67 53	75 61	63 40					67.5 46.2	
MUSCALOOSA CAA APT	MAX MIN	81 61	72 45	56 36	63 35	71 35	74 51	74 59	69 53	67 58	62 46	70 63	80 72	73 62	71 40	54 33	56 29	61 25	71 37	59 28	65 30	72 40	71 31	57 30	69 38	58 36	72 29					67.5 40.6	
MUSKEGEE	MAX MIN	80 62	79 63	78 47	68 44	65 38	66 44	74 54	69 58	65 56	66 55	74 50	76 56	66 60	66 39	53 32	55 31	50 28	64 43	58 31	63 35	69 51	68 38	54 33	65 38	76 50	69 42					66.4 45.3	
UNION SPRINGS	MAX MIN	82 62	78 63														55 32	58 28	66 30	61 36	64 31	69 36	67 35	63 36	68 35	76 40	72 51	62 43				- -	
UNIVERSITY	MAX MIN	78 62	71 44	54 35	61 35	68 38	74 54	71 60	68 57	65 57	68 48	76 61	74 63	71 40	53 35	54 27	59 32	68 26	57 33	65 29	70 33	69 39	56 31	67 31	75 40	57 37	64 45					65.8 41.9	
VALLEY HEAD	MAX MIN	70 61	62 57	60 31	60 29	59 22	69 44	59 53	58 30	62 38	64 37	57 37	62 41	51 40	50 38	50 26	62 19	56 23	62 32	53 21	64 27	64 26	60 29	67 30	67 25	55 19	55 29					59.5 34.2	
WETUMPKA	MAX MIN	80 64	78 60	65 47	64 40	67 40	74 43	69 55	69 57	69 58	67 52	71 60	73 65	76 60	60 39	56 32	65 31	60 45	59 43	65 32	68 34	68 54	57 38	68 34	76 44	60 32	64 43					67.4 46.1	

STATION INDEX

ALABAMA
FEBRUARY 1951

Station	Index No	County	Drainage	Latitude	Longitude	Elevation	Observation time	Observer	Refer to tables	Station	Index No	County	Drainage	Latitude	Longitude	Elevation	Observation time	Observer	Refer to tables
ADAMSVILLE	0006	HENRY	4 31 34	85 15				MID J. P. MITCHELL	3 4	LOCK NO 17	4855	TUSCALOOSA	2 33 29	87 20	280		7A	U. S. ENGINEERS	3
ADDISON	0063	WINSTON	2 34 13	87 10	1500			MID LAWRENCE	3 4	MADISON	4976	MADISON	12 34 42	86 45	573		7A	ROBERT E. TRUE	3
ADDITION CENTRAL TOWER	0071	LAWRENCE	2 34 25	87 10				8A SIDNEY J. BART, SR.	3 4	MARION	5108	JEFFERSON	3 33 30	86 51	654		6A	ALABAMA POWER CO.	3
ALBERTA	0140	WILCOX	1 32 14	87 23				8A SIDNEY J. BART, SR.	3 4	MARION	5123	DADE	1 32 08	87 39	180		8A	DR. T. B. GALLIARD	3
ALEXANDER CITY 6 MI NE	0148	MARSHALL	12 34 16	86 13	1114			8A PAT M. COURINGTON	2 3 5	MARION 1 MILE SSE	4996	PERRY	3 32 37	87 18	263		8A	O. MYRON HOLFELD	3
ALICEVILLE	0163	TALLAPOOSA	11 32 59	85 52	660			SP P. E. BLACKBORN	3 4	MARION JUNCTION	5116	DALLAS	3 32 26	87 14	204		6P	MRS. MARGARET SMITH	3
ANDALUSIA	0178	PICKENS	13 33 08					8A W. M. GARRETT	2 3 5	MARION JUNCTION 2 NE	5123	DALLAS	3 32 26	87 14	204		6A	ALABAMA POWER CO.	3
ANDALUSIA	0232	COVINGTON	6 31 19	86 30	346			MID MRS. LESSIE HILLER	2 3 4 5	MARTIN DAM	5140	TALLAPOOSA	11 32 40	85 55	340		MID	U. S. ARMY AIR FORCES	3
ANDALUSIA WB AIRPORT	0272	CALHOUN	7 33 35	85 61						MELVIN FIELD	5202	MONTGOMERY	3 32 25	86 25	165		MID	U. S. ARMY AIR FORCES	3
ANLEY	0338	WINSTON	2 34 04	87 13						MELVIN	5354	CHOCTAW	13 31 56	86 27	3				
ASHLAND	0389	CLAY	11 33 16	85 50						MERTS 3 MILES E	5282	BIBB	3 32 53	87 20	290		8A	USFS	3
ASHVILLE	0377	ST. CLAIR	7 33 50	86 16	880					MIDWAY	5397	BULLOCK	4 32 04	85 32	760		MID	MATHEW W. HALL	3
ATMENS	0380	LIMESTONE	12 34 48	86 59	709					WILLIERS FERRY	5417	WILCOX	1 32 06	87 22	68		8A	NORMAN D. WILLIAMS	3
ATMORE STATE FARM	0402	ESCAMBIA	8 31 10	87 29						4P ATMORE STATE FARM	5439	MACON	11 32 27	85 54	206		8A	T. C. CARL	3
AUBURN	0422	LEE	11 32 36	85 30	732					WITCHESL DAM	5485	CHILTON	7 32 48	86 27	350		6A	ALABAMA POWER CO.	3
AUBURN SCS 10	0427	LEE	11 32 36	85 29						WILCOX WB AIRPORT	5483	MOBILE	9 30 41	88 12	210		MID	U. S. WEATHER BUREAU	2
AUTAGAUVILLE	0440	AUTAGA	8 31 10	87 29						MOBILE WB CITY	5483	MOBILE	9 30 41	88 12	210		MID	U. S. WEATHER BUREAU	2
BAW	0546	COLBERT	12 34 43	87 52	463					MONTA SMO	5529	MADISON	12 34 45	86 31	1650		8A	M. P. JETTER	3
BAY MINETTE	0583	BALDWIN	9 30 53	87 47	268					MONTVALLO	5537	SHREVE	3 33 06	86 35	462		MID	U. S. WEATHER BUREAU	2
BATRICE	0616	MORGUE	12 34 04	87 13						MONTVALLO WB AIRPORT	5550	MONTGOMERY	1 32 18	86 23	191		MID	U. S. WEATHER BUREAU	2
BEACON	0631	FRANKLIN	12 34 28	87 52	910					MONTGOMERY WB CITY	5555	MONTGOMERY	1 32 23	86 18	201		MID	U. S. WEATHER BUREAU	2
BELLEVILLE	0655	LIMESTONE	12 34 42	86 54	600					MUSCLE SHOALS CAA AP	5749	COLBERT	12 34 44	87 36	540		MID	EARL BOYETT	3
BERRY	0748	FAYETTE	2 33 40	87 36						NEW BROCKTON	5842	COFFEY	3 31 23	85 56			MID	EARL BOYETT	3
BEAR 2 MILES SE	0790	MARION	12 34 12	86 09						NEW BROCKTON	5842	COFFEY	3 31 23	85 56			MID	EARL BOYETT	3
BILLINGSLEY	0823	ATAGUA	8 31 10	87 29						NEW BROCKTON	5842	COFFEY	3 31 23	85 56			MID	EARL BOYETT	3
BIRMINGHAM WB AIRPORT	0831	JEFFERSON	2 33 34	86 45	610					NEW MARKET	5852	MADISON	12 34 54	86 26	725		7A	U. S. ENGINEERS	3
BIRMINGHAM WB CITY	0836	JEFFERSON	2 33 32	86 50	684					NEWTON	5875	DALLAS	3 31 20	85 37	216		1A	U. S. ENGINEERS	3
BISHOP	0838	WINSTON	12 34 39	85 40						NEWTON	5875	DALLAS	3 31 20	85 37	216		1A	U. S. ENGINEERS	3
BOAZ	0937	MARSHALL	2 34 13	86 10						ORVILLE	6161	DALLAS	1 32 18	87 14	400		8A	EDWARD B. WARREN	3
BRANTLEY	1059	CRENSHAW	6 31 35	86 16	284					ORVILLE	6161	DALLAS	1 32 18	87 14	400		8A	EDWARD B. WARREN	3
BREWTON 3 MILES SSE	1084	ESCAMBIA	6 31 04	87 03	85					PAINT ROCK	6226	JACKSON	12 34 40	86 20	610		MID	U. S. ENGINEERS	3
BRIDGEPORT 2 MILES W	1084	ESCAMBIA	6 31 04	87 03	85					PAINT ROCK	6226	JACKSON	12 34 40	86 20	610		MID	U. S. ENGINEERS	3
BRIDGECREEK	1178	WINSTON	2 33 43	87 13						PENNINGTON LOCK 2	6335	CHACTAW	13 32 08	88 02	20		7A	U. S. ENGINEERS	3
BRIDGECREEK	1178	WINSTON	2 33 43	87 13						PENNINGTON LOCK 2	6335	CHACTAW	13 32 08	88 02	20		7A	U. S. ENGINEERS	3
CALERA	1288	SHELBY	7 33 06	86 45	500					PENNINGTON LOCK 2	6335	CHACTAW	13 32 08	88 02	20		7A	U. S. ENGINEERS	3
CANDLER	1300	WILCOX	1 32 08	87 23						PENNINGTON LOCK 2	6335	CHACTAW	13 32 08	88 02	20		7A	U. S. ENGINEERS	3
CAMPBELL	1315	CLARKE	13 31 55	87 59						PENNINGTON LOCK 2	6335	CHACTAW	13 32 08	88 02	20		7A	U. S. ENGINEERS	3
CAMP HILL 2 N	1324	TALLAPOOSA	11 32 50	85 39						PENNINGTON LOCK 2	6335	CHACTAW	13 32 08	88 02	20		7A	U. S. ENGINEERS	3
CANDLER	1324	TALLAPOOSA	11 32 50	85 39						PENNINGTON LOCK 2	6335	CHACTAW	13 32 08	88 02	20		7A	U. S. ENGINEERS	3
CANDLER	1324	TALLAPOOSA	11 32 50	85 39						PENNINGTON LOCK 2	6335	CHACTAW	13 32 08	88 02	20		7A	U. S. ENGINEERS	3
CANDLER	1324	TALLAPOOSA	11 32 50	85 39						PENNINGTON LOCK 2	6335	CHACTAW	13 32 08	88 02	20		7A	U. S. ENGINEERS	3
CANDLER	1324	TALLAPOOSA	11 32 50	85 39						PENNINGTON LOCK 2	6335	CHACTAW	13 32 08	88 02	20		7A	U. S. ENGINEERS	3
CANDLER	1324	TALLAPOOSA	11 32 50	85 39						PENNINGTON LOCK 2	6335	CHACTAW	13 32 08	88 02	20		7A	U. S. ENGINEERS	3
CANDLER	1324	TALLAPOOSA	11 32 50	85 39						PENNINGTON LOCK 2	6335	CHACTAW	13 32 08	88 02	20		7A	U. S. ENGINEERS	3
CANDLER	1324	TALLAPOOSA	11 32 50	85 39						PENNINGTON LOCK 2	6335	CHACTAW	13 32 08	88 02	20		7A	U. S. ENGINEERS	3
CANDLER	1324	TALLAPOOSA	11 32 50	85 39						PENNINGTON LOCK 2	6335	CHACTAW	13 32 08	88 02	20		7A	U. S. ENGINEERS	3
CANDLER	1324	TALLAPOOSA	11 32 50	85 39						PENNINGTON LOCK 2	6335	CHACTAW	13 32 08	88 02	20		7A	U. S. ENGINEERS	3
CANDLER	1324	TALLAPOOSA	11 32 50	85 39						PENNINGTON LOCK 2	6335	CHACTAW	13 32 08	88 02	20		7A	U. S. ENGINEERS	3
CANDLER	1324	TALLAPOOSA	11 32 50	85 39						PENNINGTON LOCK 2	6335	CHACTAW	13 32 08	88 02	20		7A	U. S. ENGINEERS	3
CANDLER	1324	TALLAPOOSA	11 32 50	85 39						PENNINGTON LOCK 2	6335	CHACTAW	13 32 08	88 02	20		7A	U. S. ENGINEERS	3
CANDLER	1324	TALLAPOOSA	11 32 50	85 39						PENNINGTON LOCK 2	6335	CHACTAW	13 32 08	88 02	20		7A	U. S. ENGINEERS	3
CANDLER	1324	TALLAPOOSA	11 32 50	85 39						PENNINGTON LOCK 2	6335	CHACTAW	13 32 08	88 02	20		7A	U. S. ENGINEERS	3
CANDLER	1324	TALLAPOOSA	11 32 50	85 39						PENNINGTON LOCK 2	6335	CHACTAW	13 32 08	88 02	20		7A	U. S. ENGINEERS	3
CANDLER	1324	TALLAPOOSA	11 32 50	85 39						PENNINGTON LOCK 2	6335	CHACTAW	13 32 08	88 02	20		7A	U. S. ENGINEERS	3
CANDLER	1324	TALLAPOOSA	11 32 50	85 39						PENNINGTON LOCK 2	6335	CHACTAW	13 32 08	88 02	20		7A	U. S. ENGINEERS	3
CANDLER	1324	TALLAPOOSA	11 32 50	85 39						PENNINGTON LOCK 2	6335	CHACTAW	13 32 08	88 02	20		7A	U. S. ENGINEERS	3
CANDLER	1324	TALLAPOOSA	11 32 50	85 39						PENNINGTON LOCK 2	6335	CHACTAW	13 32 08	88 02	20		7A	U. S. ENGINEERS	3
CANDLER	1324	TALLAPOOSA	11 32 50	85 39						PENNINGTON LOCK 2	6335	CHACTAW	13 32 08	88 02	20		7A	U. S. ENGINEERS	3
CANDLER	1324	TALLAPOOSA	11 32 50	85 39						PENNINGTON LOCK 2	6335	CHACTAW	13 32 08	88 02	20		7A	U. S. ENGINEERS	3
CANDLER	1324	TALLAPOOSA	11 32 50	85 39						PENNINGTON LOCK 2	6335	CHACTAW	13 32 08	88 02	20		7A	U. S. ENGINEERS	3
CANDLER	1324	TALLAPOOSA	11 32 50	85 39						PENNINGTON LOCK 2	6335	CHACTAW	13 32 08	88 02	20		7A	U. S. ENGINEERS	3
CANDLER	1324	TALLAPOOSA	11 32 50	85 39						PENNINGTON LOCK 2	6335	CHACTAW	13 32 08	88 02	20		7A	U. S. ENGINEERS	3
CANDLER	1324	TALLAPOOSA	11 32 50	85 39						PENNINGTON LOCK 2	6335	CHACTAW	13 32 08	88 02	20		7A	U. S. ENGINEERS	3
CANDLER	1324	TALLAPOOSA	11 32 50	85 39						PENNINGTON LOCK 2	6335	CHACTAW	13 32 08	88 02	20		7A	U. S. ENGINEERS	3
CANDLER	1324	TALLAPOOSA	11 32 50	85 39						PENNINGTON LOCK 2	6335	CHACTAW	13 32 08	88 02	20		7A	U. S. ENGINEERS	3
CANDLER	1324	TALLAPOOSA	11 32 50	85 39						PENNINGTON LOCK 2	6335	CHACTAW	13 32 08	88 02	20		7A	U. S. ENGINEERS	3
CANDLER	1324	TALLAPOOSA	11 32 50	85 39						PENNINGTON LOCK 2	6335	CHACTAW	13 32 08	88 02	20		7A	U. S. ENGINEERS	3
CANDLER	1324	TALLAPOOSA	11 32 50	85 39						PENNINGTON LOCK 2	6335	CHACTAW	13 32 08	88 02	20		7A	U. S. ENGINEERS	3
CANDLER	1324	TALLAPOOSA	11 32 50	85 39						PENNINGTON LOCK 2	6335	CHACTAW	13 32 08	88 02	20		7A	U. S. ENGINEERS	3
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CANDLER	1324	TALLAPOOSA	11 32 50	85 39						PENNINGTON LOCK 2	6335	CHACTAW	13 32 08	88 02	20		7A	U. S. ENGINEERS	3
CANDLER	1324	TALLAPOOSA	11 32 50	85 39						PENNINGTON LOCK 2	6335	CHACTAW	13 32 08	88 02	20		7A	U. S. ENGINEERS	3
CANDLER	1324	TALLAPOOSA	11 32 50	85 39						PENNINGTON LOCK 2	6335	CHACTAW	13 32 08	88 02	20		7A	U. S. ENGINEERS	3
CANDLER	1324	TALLAPOOSA	11 32 50	85 39						PENNINGTON LOCK 2	633								



U. S. DEPARTMENT OF COMMERCE

CHARLES SAWYER, Secretary

WEATHER BUREAU

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AGRICULTURAL REFERENCE DEPARTMENT

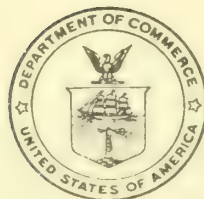
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CLIMATOLOGICAL DATA

ALABAMA

MARCH 1950

Volume LVI No. 3



A. R. Long, Section Director - Montgomery

Weather Summary

The State mean temperature this month was more than a degree lower than for February this year, so that an exceptionally mild winter gave way to the beginning of a rather cool spring. Day to day changes were typical of the time of year, and the seasonal normal upward trend was followed, but there were no unusual extremes of temperature.

Rainfall for the State as a whole averaged nearly an inch more than normal and it was a little more frequent than usual, but over much of the south central portion it was lighter than normal. Precipitation in the north would have been considerably below normal for the month if it had not been for a storm on the 12th which produced from 4 to 5 or more inches of rain north of a line running from Pickens County in the west to southern DeKalb County in the northeast. The southern boundary of this storm was abruptly defined, so that no unusual rain occurred south of it on that date.

On account of wet soil over much of the north throughout the past 3 months, little had been accomplished in field work up to the end of March, but good progress was made in the south and central portions.

In the Gulf Coast area, sweet corn, watermelons, and cucumbers were planted during the first week, and potatoes and cabbage were making good growth. Cabbage were being marketed by the middle of the month. Picking of an early crop of strawberries was nearly completed during the first 3 weeks, with the outlook for a regular season crop to come in about the middle of April. Considerable corn was planted in the south during March, and a few fields of cotton were planted during the last week of the month.

Pasturage was better than normal due to an early start to grow during the winter, but frosts were more frequent than during mid winter, and cattle had to be fed more than during the first half of February.

At the end of March it was still too early to determine the extent of damage to peach and other fruit trees by the mild winter and subsequent frosts.

WINDSTORMS

On the 8th, in the early morning, rather strong thundersquall winds occurred in scattered localities over southeast Alabama. At Montgomery, around 2:15 to 2:30 a. m., \$500,000 damage was done, mostly to aircraft at Maxwell Field. Other damage was done to scattered buildings in north Montgomery and to a high voltage line near Kilby Prison nearby. Reports of building and other damage were from Mobile, Ramer (Montgomery County), Dothan, Opelika (Lee County), and Newton, and in Barbour and Macon Counties. An 11 year old boy at Opelika was hospitalized for injuries. Damage in addition to that in the Montgomery area was about \$50,000.

At Jasper, in Walker County, on the 12th, 200 houses were damaged by the combined action of wind and hail, with losses totalling about \$20,000.

At 9:20 a. m. to 9:25 a. m. on the 13th, many trees were uprooted, and some other damage done, in the suburban area of east Montgomery. Total damage was about \$3,000.

A general high wind prevailed over the State from mid morning until late in the afternoon on the 27th. Considering the large area, it is likely that damage to roofs and trees was about \$1,000,000. The persistence of the wind loosened roofing materials and tree roots which otherwise would not have yielded to short duration winds of equal force.

FLOODS

As a result of heavy rain in northeast Alabama and northwest Georgia on the 12th and 13th, there was flooding in the upper Coosa, so that a crest of 5.5 feet above flood stage was recorded at Gadsden on the 15th.

The lower Tombigbee remained flooded during most of the month. Damage in this area was mostly of an intangible nature consisting of loss of time and expense of evacuating cattle from the lowlands. The Warrior rose sharply as a result of the rain on the 12th, and reached a crest of 62.4 feet at Tuscaloosa on the 15th. Flood stage at that station is 47 feet.---F.C.P.

ACKNOWLEDGMENTS

In addition to the climatological data from some 6,000 Weather Bureau and cooperative weather stations, this bulletin series contains records from Hydroclimatic Network Stations which were formerly reproduced in the Hydrologic Bulletin Series. The Hydroclimatic Network is a nationwide net of rain gages--mostly of the recording type which produce continuous records of precipitation. It was established in 1939 at the request of the Corps of Engineers, Department of the Army, to supplement existing precipitation stations in order to provide records of rainfall intensity which were essential to the planning of flood control and related works by the Corps of Engineers. This Network, now numbering about 2,000 recording, and 1,000 non-recording rain gages, has been maintained by the Weather Bureau through working funds transferred annually to the Weather Bureau by the Corps of Engineers. These transfers averaged about \$250,000 per year between 1940 and 1944, and nearly \$375,000 since that date. For the years 1940-42, the Department of Agriculture transferred about \$100,000 per year to provide data required in its work, and since 1947 the Bureau of Reclamation has transferred about \$25,000 per year to meet the increasing needs of their program in the Western States.

Previous to the introduction of this bulletin series, data from Hydroclimatic Network stations were presented in bulletins (Hydrologic Bulletins) which were issued monthly for each of 8 drainage areas embracing the entire United States, but since the Network was established to meet the internal requirements of the Federal agencies referred to above, no provision was made for public dissemination of the data, distribution being limited to cooperating agencies and to certain public repositories. A list of locations where reference copies of the Hydrologic Bulletin Series are available for inspection may be obtained upon application to Chief, U.S. Weather Bureau, Washington 25, D.C.

Many other records published in this bulletin have been made available through the cooperation of various public offices, private agencies, and individuals as listed in the Station Index.

SUPPLEMENTAL DATA

ALABAMA
MARCH 1950

Station	Wind direction		Wind speed		Direction of fastest mile	Date of fastest mile	Relative humidity averages - percent					Number of days with precipitation							Percent of possible sunshine	Average sky cover sunrise to sunset	Degree days 65° base
	Prevailing	Percent of time from prevailing	Average	Fastest mile			12:30 P. CST	6:30 A. CST	12:30 P. CST	6:30 A. CST	Trace	01-09	10-49	50-99	100-199	200 and over	Total				
ANNISTON WU AP																					
BIRMINGHAM WU AP	S	12	9.5	36	S	27	75	77	47	52	4	7	1	2	2	0	19	57	5.8		414
MOBILE WBO	SW	15	12.9	50	NW	8	82†	84†	56†	69†	1	0	3	6	0	1	13	56	5.0		255
MONTGOMERY WBO	NW	11	8.7	40	SW	27	78†	85†	48†	58†	4	5	5	2	1	0	17	59	5.2		323
† AIRPORT DATA																					

† AIRPORT DATA

COMPARATIVE DATA

Table 1

Temperature			Precipitation		Year	Temperature			Precipitation		Year	Temperature			Precipitation		Year	Temperature			Precipitation		Year
Average	Highest	Lowest	Average	No. of days 01 or more		Average	Highest	Lowest	Average	No. of days 01 or more		Average	Highest	Lowest	Average	No. of days 01 or more		Average	Highest	Lowest	Average	No. of days 01 or more	
1883	78.5	84	21	8.85	11	1899	56.7	91	1	5.57	10	1915	54.8	94	18	2.99	3	1931	50.0	78	22	3.86	9
1884	50.8	82	14	8.37	9	1900	57.1	87	1	5.75	8	1916	55.0	89	13	6.52	8	1932	51.9	89	12	4.27	7
1885	53.9	80	18	9.09	10	1901	57.0	88	11	5.78	7	1917	57.4	89	14	9.34	12	1933	55.9	87	24	6.87	7
1886	55.2	80	16	1.09	4	1902	56.2	85	21	19.13	11	1918	62.4	89	26	0.81	3						
1887	55.3	80	16	0.63	9	1903	55.0	89	16	6.16	11	1919	56.7	83	21	7.23	6						
1888	54.1	85	26	1.91	5	1904	51.4	87	19	3.32	8	1920	52.6	86	10	7.27	10						
1889	52.5	84	16	2.09	9	1905	58.4	90	13	2.97	6	1921	64.0	89	27	4.90	9						
1890	53.1	87	14	8.42	10	1906	50.0	89	13	6.52	8	1922	56.2	85	21	19.13	11						
1891	55.7	87	14	0.11	8	1907	57.0	89	19	4.86	9	1923	56.2	89	22	6.24	11						
1892	54.2	84	23	0.86	7	1908	59.6	93	20	15.65	10	1924	51.4	87	19	3.32	8						
1893	59.1	88	16	1.78	8	1909	58.4	90	13	2.97	6	1925	58.4	90	13	2.97	6						
1894	57.0	89	20	7.55	10	1910	50.0	89	13	6.52	8	1926	50.0	89	13	6.52	8						
1895	55.6	82	22	5.16	8	1911	50.0	89	13	6.52	8	1927	57.0	89	19	4.86	9						
1896	51.7	85	20	9.53	12	1912	56.2	85	21	19.13	11	1928	56.2	89	22	6.24	11						
1897	59.5	86	23	1.23	7	1913	55.0	89	16	6.16	11	1929	59.6	93	20	15.65	10						
1898	55.7	91	1	5.57	10	1914	51.4	87	19	3.32	8	1930	52.4	81	19	5.84	10						
1899	57.1	87	1	5.75	8	1915	54.8	94	18	2.99	3	1931	50.0	78	22	3.86	9						
1900	57.0	88	11	5.78	7	1916	55.0	89	13	6.52	8	1932	51.9	89	12	4.27	7						
1901	57.0	88	11	5.78	7	1917	57.4	89	14	9.34	12	1933	55.9	87	24	6.87	7						
1902	56.2	85	21	19.13	11	1918	62.4	89	26	0.81	3												
1903	55.0	89	16	6.16	11	1919	56.7	83	21	7.23	6												
1904	51.4	87	19	3.32	8	1920	52.6	86	10	7.27	10												
1905	58.4	90	13	2.97	6	1921	64.0	89	27	4.90	9												
1906	50.0	89	13	6.52	8	1922	56.2	85	21	19.13	11												
1907	57.0	89	19	4.86	9	1923	56.2	89	22	6.24	11												
1908	59.6	93	20	15.65	10	1924	51.4	87	19	3.32	8												
1909	58.4	90	13	2.97	6	1925	58.4	90	13	2.97	6												
1910	50.0	89	13	6.52	8	1926	50.0	89	13	6.52	8												
1911	50.0	89	13	6.52	8	1927	57.0	89	19	4.86	9												
1912	56.2	85	21	19.13	11	1928	56.2	89	22	6.24	11												
1913	55.0	89	16	6.16	11	1929	59.6	93	20	15.65	10												
1914	51.4	87	19	3.32	8	1930	52.4	81	19	5.84	10												
1915	54.8	94	18	2.99	3	1931	50.0	78	22	3.86	9												
1916	55.0	89	13	6.52	8	1932	51.9	89	12	4.27	7												
1917	57.4	89	14	9.34	12	1933	55.9	87	24	6.87	7												
1918	62.4	89	26	0.81	3																		
1919	56.7	83	21	7.23	6																		
1920	52.6	86	10	7.27	10																		
1921	64.0	89	27	4.90	9																		
1922	56.2	85	21	19.13	11																		
1923	55.0	89	16	6.16	11																		
1924	51.4	87	19	3.32	8																		
1925	58.4	90	13	2.97	6																		
1926	50.0	89	13	6.52	8																		
1927	57.0	89	19	4.86	9																		
1928	56.2	89	22	6.24	11																		
1929	59.6	93	20	15.65	10																		
1930	52.4	81	19	5.84	10																		
1931	50.0	78	22	3.86	9																		
1932	51.9	89	12	4.27	7																		
1933	55.9	87	24	6.87	7																		

Table 2

CLIMATOLOGICAL DATA

ALABAMA
MARCH 1950

Temperature										Precipitation									
Station	Average	Departure from Normal	Highest	Date	Lowest	Date	No. of Days		Total	Departure from Normal	Greatest Day	Date	Snow, Sleet, Hail			No. of Days			
							Max. 90° or above	Min. 32° or below					Total	Max Depth on Ground	Date	.01 or more	.25 or more	1.00 or more	
NORTHERN DIVISION																			
ALBERTVILLE 1 S	48.6	- 3.4	78	25+	24	10	0	9	9.13	2.84	4.23	13	T			10	5		
ANNISTON CAA AIRPORT	50.9		79	26	26	31	0	10					T						
BELLE MINA 2 N	50.4		82	26+	25	2	0	9	9.16	.23	2.72	13	T			10	7	4	
BIRMINGHAM WB AIRPORT	51.9	- 1.9	82	26	29	2+	0	8	5.47		1.63	13	0			15	6	2	
BIRMINGHAM WB CITY	55.3M	- .1	82	25	29	2+	0	6	5.67	-.03	2.33	13	0			15	4	2	
CORDOVA	53.7	- 2.1	81	26+	24	10	0	10	9.24	3.54	5.90	13	0			8	5	2	
DECATUR	51.1	- 2.0	81	26	22	2	0	8	9.24	3.62	3.21	13	T		30	15	7		
FAYETTE	51.1		83	27	26	9+	0	10	9.46	3.28	3.72	13	0	T		11	6	4	
GADSDEN	49.7	- 3.9	80	27	22	10	0	12	9.47	3.20	5.61	13	0			14	6	1	
GOODWATER	51.7	- 3.7	80	27	26	31	0	10	6.23	.58	1.08	1	T			12	10	1	
HALEYVILLE	50.7		79	26	24	2	0	11	9.19		2.90	13	0			11	7	4	
HUNTSVILLE	49.1		79	26	25	2	0	12	7.28	1.52	2.66	12	0			11	8	3	
LINCOLN	51.0		80	26	23	14	0	9			1.49	13	0						
MADISON	48.8	- 4.1	81	27	25	2	0	10	7.82	2.09	2.62	13	0			12	6	3	
MUSCLE SHOALS CAA APT	50.4	- 1.9	79	26	26	2	0	10	6.99	1.28	2.60	12	T			12	7	2	
ONEONTA	49.3	- 3.9	80	25+	25	10+	0	12	10.30	4.29	6.00	13	0			11	6	2	
ROCK MILLS	53.7M		82	26	25	9+	0	10	6.49	.78	1.29	14	T			12	8	1	
SAINT BERNARD	48.4	- 3.9	80	27	26	2+	0	13			3.85	13	T	T	29				
SAND MTN STA FARM AP	48.3		76	27	24	2	0	8	9.59		3.64	13	0			12	6	4	
SCOTTSBORO	49.2	- 3.4	79	25	25	2+	0	10	8.52	2.71	2.80	13	0			11	7	3	
TALLADEGA	52.4	- 3.3	80	26	24	31	0	10	6.30	.21	1.58	13	0			14	6	2	
TUSCALOOSA CAA APT	53.6	- 2.0	84	26	27	9	0	8	6.11	.21	2.65	13	T			14	4	2	
UNIVERSITY	53.4	- 2.2	82	26	29	9	0	6	5.39	-.51	2.65	13	0			10	4	2	
VALLEY HEAD	46.4M	- 4.3	81	27	19	2+	0				4.14	13							
DIVISION	50.8								7.85				T						
MIDDLE DIVISION																			
ALEXANDER CITY 6 NE	53.2		80	25+	24	10	0	8	6.02		1.23	13	T			15	10	1	
AUBURN	51.5	- 4.9	80	27+	26	31	0	9	6.51	.66	1.92	5	0			11	7	2	
CAMDEN	55.4		83	26	30	9	0	4	4.91		1.98	4	T			15	8	0	
CAMP HILL 2 NW	52.5		80	26	25	31	0	7	5.45		1.31	13	0			10	6	3	
CENTREVILLE	55.5M	- .6	82	24+	28	9	0		6.14	.01	2.15	13	0			11	9	1	
CLANTON	52.1	- 3.6	82	26+	27	9	0	8	5.76	-.08	.98	28	0			14	9	0	
DAYTON	57.0		85	26	29	14	0	3	4.22		.87	13	0			13			
EUFULA	56.1	- 1.3	83	27	28	10	0	4	5.21		1.47	28	0			9	6	2	
GREENSBORO	54.9	- 1.7	83	26	29	9+	0	5	5.35	-.32	1.78	13	0			13	7	1	
GREENVILLE	56.0	- 2.5	84	26	31	9	0	3	5.40	-.31	1.06	5+	T			13	8	2	
HIGHLAND HOME	55.9	- 3.3	80	26	29	9	0	1	5.94	.02	1.70	27	0			11	8	1	
LA FAYETTE	53.0		82	26+	27	9	0	8	5.59		1.25	4	0			13		2	
LIVINGSTON	55.1	- 1.2	83	26	29	9	0	5	6.81	1.57	2.05	13	0			14	8	2	
MARION JUNCTION 2 N	54.0M		84	25+	27	9	0		4.80		.82	13	0			12		0	
MAXWELL FIELD	55.6		85	26	32	9	0	1	3.97		.91	27	T			9	7	0	
MONTGOMERY WB APT	53.7		83	26+	30	10+	0	4	5.04		1.05	27	T			13	8	2	
MONTGOMERY WB CITY	55.2	- 2.6	83	26	33	9+	0	0	4.15	- 1.84	1.00	4	T			13	6	1	
PRATTVILLE	54.5	- 3.1	83	26	28	9	0	5	4.62	- 1.08	.88	27	0			13		0	
PUSHMATAHA	53.8	- 4.2	83	27	28	9+	0	6	4.40	- 1.10	.95	14	0			11	7	0	
SELMA	56.8	- 1.8	84	26	31	9	0	4	4.85	-.57	1.31	14	T			11	7	1	
THOMASVILLE	55.4	- 2.7	84	26	32	14+	0	2	5.81	-.24	1.06	5	0			10	7	1	
TROY	55.1	- 3.7	82	26+	30	14	0	2	5.85	-.13	1.39	5	0			11	8	3	
TUSKEGEE	54.5	- 3.3	83	27	29	31	0	5	6.06	.65	1.91	28	0			12	8	3	
UNION SPRINGS	56.0	- 1.7	83	26	29	9	0	3	5.50	-.54	1.30	5	T			9		2	
WETUMPKA	55.8	- 2.1	82	25	31	9+	0	3	5.39	-.47	1.18	28	0			11	7	2	
DIVISION	54.7								5.35				T						
SOUTHERN DIVISION																			
ANDALUSIA	56.8		84	26	31	9	0	3	7.21		2.25	16	0			11	8	2	
ATMORE STATE FARM	57.7		83	25+	32	14	0	1	7.80				0			11			
BAY MINETTE	56.6	- 3.5	82	25	32	14	0	1	8.59	2.97		13	T			13			
BREWTON 3 SSE	56.4	- 1.8	84	25	26	10	0	5	6.59	1.55	1.96	16	0			11	9	2	
CHATAM	55.5		88	27	26	9	0	9	5.53		1.37	4	0			14	10	1	
CITRONELLE	57.1	- 3.8	83	25	33	14	0	0	7.39	1.15	1.63	16	0			12	10	1	
DOTHAN CAA AIRPORT	55.8		83	12	32	14	0	1	6.60	1.45	2.34	15	T			14	9	1	
EVERGREEN CAA AIRPORT	54.5	- 3.6	82	25	28	31	0	5	7.31	1.62	1.55	15	0			11	10	3	
FAIRHOPE	54.4	- 5.7	80	25	26	14	0	6	6.35	1.58	1.10	4	0			13	9	2	
FORT MORGAN	58.5		77	25+	38	14	0	0	6.40				0			12			
FRISCO CITY	55.5		82	27	31	9+	0	3	7.07	1.93	1.88	16	0			12	9	1	
GENEVA	57.1		88	26	30	10+	0	5	7.47	1.76	2.89	16	0			13	8	2	
LOCKHART	56.9		83	26	30	9	0	3	6.80		2.34	16	0			13	10	1	
MOBILE WB AIRPORT	56.1		79	25	33	14	0	0	9.43		4.07	15	0			12	9	2	
MOBILE WB CITY	57.2	- 2.5	79	28	36	14	0	0	9.14	3.16	3.74	15	T			12	10	1	
OZARK	57.3	- 2.7	83	25	31	14	0	2	5.95	.61	1.83	16	0			12	7	1	
ROBERTSDALE 7 E	57.5		80	25	31	31	0	2	6.12	1.00	.93	4	0			14	10	0	
SPRING HILL	56.7M	- 4.4			32	14	0	1	7.93	2.07	3.89	16	0			12	7	1	
DIVISION	56.5								7.20				T						
STATE	53.3	- 2.6							6.77	1.03			T						

See reference notes following Station Index

DAILY PRECIPITATION

ALABAMA
MARCH 1950

Table 3

Station		Day of month																															Total	
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
ABBEVILLE	R	.23		.05	1.01	.29	.90		.61					.26		.98	.18					.22	.03	.42									5.71	
ADDITION		.19			.02		.14	.94	.20			.14		1.56											.41	.16							8.21	
ADDISON CENRL TOWER		1.09						.17	.56					2.41								.45							1.24				7.88	
ALBERTA		.43			.23	.52	.07	.08	.61						.91		.37					.69		.38									5.02	
ALBERTVILLE 1 S		1.92			.01				.09	.68				4.23	.02		.06					.31						.21	1.62				9.13	
ALEXANDER CITY 6 NE		.88			.37	.33	.04	.35	.50					1.23		.03	.23					.65		.08		.05	.28						6.02	
ALICEVILLE		.95							.35					1.69								.98											4.87	
ANDALUSIA		.28		.03	.65	.35	.22	.12	.65					T	.80		2.25						.31										7.21	
ANNISTON CAA AIRPORT																																		
ARLEY		.57						.16	1.06					3.23	*		.49					.28											8.65	
ASHLAND	//R	1.00			.38	.02	.56	.04	.52				.02	1.99		.16	.05					.90	.04		*	1.56							8.55	
ASHVILLE		.77				.19		.14	.65					5.30	.40		.09					.94	.04	.06									9.57	
ATHENS		1.37						.03	.79					2.95	.07		.33		.01			.35		.03			.03						8.61	
ATMORE STATE FARM	Z	.60			1.50	T	T	1.65	.45					.35		*	2.35					.05		.15									7.80	
AUBURN		.60			.02	1.92	.05	.50	.45					.70			.31					.07	.05										6.51	
AUBURN SCS 10		.63			1.10	.81	.56		.49					.59		.27	.06												1.74				6.25	
AUTAGAVILLE		.77				.84		.16	.83					.13	.94		.26						.26										4.95	
BARTON		1.63							.83					2.15		.32	.42						.10	.15			.10						8.26	
BAY MINETTE		.87	*		1.56	.30	.55		.42					.82		*	2.70				.18	.38	.04	.80			.03	.10					8.59	
BEATRICE					1.08	1.20			.95								1.15							.40									5.68	
BELGREEN	R							.46	.01				.19	2.92	1.17		.07				.19	.36	.04		.65	.26							.02	7.33
BELLE MINA 2 N	R	1.20							.68				.33	2.26	2.72		T	.24				.35		.08		.10							9.16	
BERRY	R	.86						.83	.09					3.60	2.06		.07					.15	.23										9.44	
BEXAR 2 S	R							.29						3.20	1.25		.04	.02				.33	.20	.02	.03			.45			.03		.04	7.10
BIRMINGHAM WB APT	Z	.75			.19	T	.07	.07	.49					.75	1.63		.10	T			.01	.25	.08		.04	.01				T	T		.03	5.47
BIRMINGHAM WB CITY		.84			.16	.08	.12	.02	.56				.05	2.33	.01	.06	.10					.21		.05		.02							5.67	
BISHOP		1.10						.30						2.25			.15					.65		.03		.10	.23							8.16
BOAZ	Z	1.95						.08	.37					4.86	.43		.07					.43	.09				.15						.02	9.82
BRANTLY		.36			.44	1.25	.13	.12	.48								1.32						.10											4.82
BRENTON 3 SSE		.20	.26		.90	.28	.35	.12	.64						.31		1.96						.42											6.59
BRIDGEPORT 2 W		.95						.06	.55			.40		2.66	.26							.27											.30	8.60
BRUNDTING		.02	.34	T	.34	1.04	.09	.18	.37					T	.51		1.36																	6.45
CALERA		1.04			*	.37		.07	.52					2.14	.37							.43		.11							.79	.06		5.90
CAMDEN		.55			.10	.98	.39	.21	.03	.51	.01			.43		.15	.36					.06	.33	.19										4.91
CAMPBELL	R	.71	.01	.30	.85	.04	.26		.53				.21	.71		.66	.03					.43	.06	.29	.01								.03	5.68
CAMP HILL 2 NW		1.06			.65		.08	.20	.47					1.31			.37						.06											5.45
CARBON HILL		.65						.40	.75					5.00	.50		.25					.40												11.38
CENTER GROVE		1.12		.17	.20	.34		.22	1.12	T				1.92	.64	.38						.44	T					.17						8.82
CENNEVILLE		.82				.31		.05	.37					2.15		.32	.53	.52						.50				.16						6.14
CHATAM		.52		.35	1.37	.28	.35	.01	.34					.16			.97	.25				.25	.12	.15									5.53	
CHICKADEE		.70				.37		.12	.52					1.52	.40		.07					.42	.05	.06		.25								5.12
CITRONELLE		.67		.68	.99	.60	.52		.58				T	.18		.70	1.63				.39		.10										7.39	
CLANTON		.78			.02	.42	.03	.30	.80					.80	.64		.35					.36	.09	.12		T							5.76	
CLAYTON					.21	.68		1.12	.43					.84			1.02																	5.03
COFFEE SPRINGS		.40		.30	.70	.20	.20		.80					.40		1.10	2.00					T	.20	.20										7.00
COLLINSVILLE		1.77						.09	.70					4.65	.09		.03					.47		.40		.10								9.92
COLUMBIA			.15		.49	.78	.03	.26	.52					1.29		1.75							.85											8.37
CONROE		.59						.11	.24					5.90	.43		.43					.37												8.24
CUMA		.93			.19	.33	.06	.18	.81					1.13	.44	.43						.69												6.06
DADEVILLE		.98		T	.02	1.10	T	.27	.58					1.25		.37						.07	.17	.01			.01							6.17
DADEVILLE MO 2	R	.80			.72	.38	.25	.04	.52					1.12		.33	.03				.02	.13											.06	5.58
DANCY		.69			.19			.18		.02				2.52		.13						.10	.15											5.03
DANVILLE		1.02			.03	*		.11	.76					3.28	.21	.11						.34				.17								8.08
DAYTON		.83		.04	.05	.17	*	.45						.87		.30	.04				.55	.30		.14										4.22
DECATUR		1.27			.01																													

Table 3-Continued

DAILY PRECIPITATION

ALABAMA
MARCH 1950

Station	Day of month																															Total	
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
MARION DAM SECTION	.42		T	.04	.42	.12	.15	.68					.90	.32	.32					.50		.50						.52	.02			5.01	
MARION DAM SECTION 2 S	.39			.40			.31	.74					.82							.19	.49	.23						.66	.52	.02		4.80	
MARTIN LAZ	.38				1.04	.02	.26	.50						.90	.34	.24				T	.04	.12						1.27				4.77	
MAXWELL FIELD	.30		T	.85	.74	.29	T	.30				T	.36		.21	.01				T	T				T			.91	T		T	3.97	
MELVIN	.65		.03	.67	.38	.22	.12	.85				.03		.54		.51					.60		.13						.73			5.46	
MERTZ 3 E	.63			*	.42	.35	.10	.08					2.40	.53	.25						.43					.65			.53			6.37	
MIDWAY	.39			1.68	*	*	1.53					.69		.72	.15													.88				5.95	
MILLERS FERRY	.52			.41	.94	.19	.11	.43					.77	.48							.50		.22					.62				5.06	
MILSTEAD	.53			.03	1.78	.28	.20	.51				.08	.53	.33							.06				.05			1.68				6.06	
MITCHELL DAM	.92			.02	.58	.03	.26	.57				1.55		.38						.09	.08	.15		.02				1.09	.02			5.76	
MOBILE WB AIRPORT	.83		1.26	.63	.13	.58		.14				T	.24		4.97	T				.32	.56	.29						.78				9.43	
MOBILE WB CITY	.91		.87	.55	.10	.48		.52				T	.37		3.74	T				.33	.52	.60						1.5				9.14	
MONTE SANO	1.95							.03	.77			1.46	3.46	.17		.16				.45	.52					.23		1.48		T		10.16	
MONTEVALLO	1.02				.38							1.98										.20			.20	.10			.46			4.34	
MONTGOMERY WB APT	.99		.01	1.03	.66	.26	T	.40				T	.54		.42	.01				T	.02	.04	.20		.20	.10						5.04	
MONTGOMERY WB CITY	Z	.06		T	1.00	.49	.21	T	.30			T	.29		.21	.02				.01	.04	.03			.02			.61				4.15	
MOUTON	R	.06					.02	.38	.10			.35	3.16	1.01	.01	.02					.34	.03			.02		.02		1.20	.02			6.72
MUSCLE SHOALS CAA A	T						T	.95	T			.50	2.60	1.00	.13	T				.08	.48	.02			.30	.07		.83		T	T	.03	6.99
NEW BROCKTON	R	.50		.30	.69	.11	.40		.85			*	4.46		2.00	.24					.48	.04	.16						.76				6.60
NEWBURG	1.36								.54	T											.54		.15						.42		.04		8.51
NEW MARKET	1.15						.75					1.70	3.10	.20		.23					.30	.09			.11			.26					8.49
NEWTON				.14	.48		.32	.41						.20		2.09						.10											3.54
ONEONTA	.72				.10		.68					.10	6.00	.46		.10				.53		.04			.14			1.43				10.10	
ORRVILLE	.42			.23	1.10		.22					.63	.51			.62																	3.73
OZARK	.10	.02	.10		.29	.98	.13	.67						.55		1.83						.05	.48						.75				5.95
PAINT ROCK	R	.15					.31	.41			.32	3.19	1.22		.03						.22				.15			1.98			.03	8.01	
PALMERDALE					.98		.24	.51				6.10	.35	.15		.51													1.43				5.31
PENNINGTON LOCK 2				.30	.47	.14	.19	.36					.71	.35								.20							1.02				4.40
PERRYVILLE	1.39			.42			.55					.77			.52					1.12	.14							.97				5.88	
PETERMAN	R	.76		.42	.98	.21	.47	.51						1.11	.04				.17		.48	.01						.82				5.98	
PICKENSVILLE		.98					.14	.29				2.01		.10							.30								1.06				4.88
PINE HILL		.95						.50					.60	.69						*	.90								.89				6.74
PINE LEVEL				.21	1.55	.45	.38	.26					.26	.76							.16	.10			.30				1.43				5.86
PLANTERSVILLE		.74		.45	.05	.20	.50					.72	.63	.46									.22		.30				.78				5.03
PLEASANT GROVE SCH	1.30					.05	.65					1.52	1.93	.05		.17				.25						.08		1.50					7.52
PLEASANT HILL	R	.04		1.10	.36	.27	.02	.39				*	.71																				4.15
PRATTVILLE		.75		.56	.20	.10	.08	.60				.02	.75		.30	.24						.08											4.62
PRIMROSE FARM		.49		.14	1.17	.07	.08	.58				.01	*	.95	*	.76					.21				.01				1.11		.06		4.64
PUSHMATAHA		.65		.13	.51	*	.18	.42						.42		.40					.83												4.40
RED BAY	1.09							.38				1.51	2.51		.08						.60					.35			1.14				7.66
REFORM	.60			T	.15			.49				.01	3.40		.08						.28		.01										6.26
RIVER FALLS		.33		.64	.50	.24	.22	.60					1.07	1.73	.12							.43			.13				1.11				7.52
RIVER FALLS 2 NE	R	1.05		.36	.43	.14	.23	.49				.69									.22	.26						1.03					6.11
ROBERTSDALE 7 L	.80		.43	.93	.35	.44	.03	.14				.04	.46		.91				.29		.87	.06						.36					6.49
ROCK MILLS	.88				.87		.34	.60						1.29	.25						.21	.12	.03		.90	.01			.99				
SAINT BERNARD				.03			.19	1.02				.70	3.85	.44	.09						.45	.04			.27				1.31	T			
SAND MTN STA FRM AP	1.65			.02	.03	.13	.62					1.50	3.64	.45	.09						.55				.15			1.18	.03				9.59
SAYRE	.92			.07		.09	.16						5.49	.25	.10						.31		.02						1.17				8.58
SCOTTSBORO	.65					.05	.65				.48	2.20	2.80	.03	.10						.15				.39			1.10					8.52
SCOTTSBORO SUBSTA	1.26			T		T	.59					.88	4.43	.15	.09						.14				.33				1.05		T		8.92
SEALE 7 WNN	.40						.19							1.31		.28					.40								2.10				4.85
SELMA	.42		T	.03	.59	.06	.17	.62				*	4.55		T	.13	.28				.35	.16						.86	T				7.73
SHEPHERD TVA NRSV	.78						.40							.21							.61	.04			.03	.20							7.22
SHOEMAKER SPRINGS	.93						.57					1.93	*	1.96		.21					.38								1.24				7.22
SLOCOMB	.26			.20	1.00	.85	.56							.54		3.02							1.11						1.28				8.82
SNOW HILL	.48		.03	.47	1.45	.25	.69						.26	.91							.15	.22							.75				5.66
SOUTH HILL	1.47					.23																											

HOURLY PRECIPITATION

ALABAMA
MARCH 1950

Table 4

Station	A. M. Hour ending												P. M. Hour ending												Total
	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	
-1st-																									
ABBEVILLE																									23
ADDISON	//	19																							19
ASHLAND		11	10	.29	.15	.33																			19
ATMORE STATE FARM																									19
AUBURN SCS 10				.10	.10	.33																			63
BERRY		74	12																						86
BIRMINGHAM WB APT		17	31	.26	.01																				75
BOAZ		38	.33	.02																					73
CAMPBELL		.01	.01	.03	.09	.32	.31					.01													71
DADEVILLE NO 2				.12	.20	.26	.19	.01				.01	.01												80
DOTHAN CAA AIRPORT												.01	.18	.16											35
EUTAW LOCK NO 7		15	43	.09	.01																				70
EVERGREEN CAA APT	6																								
FORT MORGAN	//	27	.05	.11									.16												33
FORT PAYNE		27	.05																						43
GARDEN CITY		27	.05																						12
GREENVILLE NO 2																									
GUNTERSVILLE REC																									
HALESVILLE		13	.02																						
HUNTSVILLE	6	52									.20														
JACKSON LOCK 1		.01	.04	.15	.39	.06	.41																		66
JACKSONVILLE		.03	.03	.12	.20	.01																			39
LAY DAK		13	.10	.50	.09	.02																			84
MAGNOLIA		.05	.04	.06	.30	.02																			47
MARION 1 SSE		.05	.10	.31	.22	.09	.01																		78
MIDWAY					.05					.32	.02														39
MOBILE WB AIRPORT	6									.14															
MOBILE WB CITY										.10	.09	.02													91
MONTGOMERY WB APT	6									.30															
MONTGOMERY WB CITY			.04	.08	.11	.13	.36																		62
MOULTON		.06																							06
MUSCLE SHOALS CAA A	6	40																							
NEW BROCKTON										.11	.23	.26													50
PAINT ROCK		.08	.07																						15
PETTERMAN				.01	.05	.15	.33	.02																	76
PLEASANT HILL					.04																				04
RIVER FALLS 2 NE																									1.05
THORSDY 1 SW		.02	.15	.09	.38	.03																			73
TRAFORD		.09	.42		.02	.12																			55
TROY				.03	.12	.02	.37	.05																	49
TUSCALOOSA CAA APT	6									.92															75
UNIVERSITY		.01	.48	.26																					
-2d-																									
CAMPBELL																									01
-3d-																									
ABBEVILLE																									
CAMPBELL																									
DOTHAN CAA AIRPORT						.01								.01		.12	.03	.01		.01	.01	.03	.02	.01	.07
EVERGREEN CAA APT	6																.01	.07	.05	.02	.08	.02		.05	.32
FORT MORGAN	//																								
GREENVILLE NO 2						.01		.01	.02	.02	.01		15	.05	.04	.10	.19	.09	.01	.05			.01	.04	.02
JACKSON LOCK 1																	.08	.09	.05	.01	.04	.04	.10	.12	10
MAGNOLIA																	.02	.04	.02	.01			.01	.01	11
MOBILE WB AIRPORT	6									.07					.30						.45				
MOBILE WB CITY						.01	.01	.02	.05					.05	.02	.06	.09	.09	.06	.04	.08	.08	.07	.05	87
MONTGOMERY WB APT	6																				.02				
NEW BROCKTON																	.01	.05	.06	.03	.05	.05		.04	30
PETTERMAN																	.02	.05	.10	.04	.01	.01	.03	.04	42
RIVER FALLS 2 NE																	.08	.05	.06	.07	.02	.02	.01	.02	36
TROY																	.02								06
-4th-																									
ABBEVILLE		.08	.06	.10	.02	.02	.03	.03	.01	.02	.01	.13	.03	.06	.05	.03	.06	.13	.04	.04	.01		.02	.02	01
ADDISON															.01	.01									
ASHLAND	//											.03	.01	.01	.03	.01	.04	.06	.01	.03	.02	.02	.02	.01	01
ATMORE STATE FARM																									
AUBURN SCS 10																									
BIRMINGHAM WB APT																									
CAMPBELL				.04	.03	.16	.30	.03	.01	.04	.06	.04	.01	.03	.02	.01	.06	.06	.07	.01	.01	.02	.02	.01	13
DADEVILLE NO 2																									
DOTHAN CAA AIRPORT		.04	.04	.01	.02	.01	.01	.01	.01	.01	.03	.02	.01	.01	.02	.06	.16	.07	.06	.05	.05	.03	.01	.03	57
EUTAW LOCK NO 7																									
EVERGREEN CAA APT		.03																							
FORT MORGAN	//	.04	.01	.04	.03	.01	.02	.01	.01	.21	.09	.16	.03	.02	.28	.07	.06	.14	.01	.02	.02				126
GREENVILLE NO 2		.13	.06	.01	.04	.03	.03	.03	.03	.15	.06	.08	.01	.01	.08	.03	.03	.05				.02	.13	.06	13
JACKSON LOCK 1		.14	.02	.03	.02	.03	.03	.03	.03	.08	.11	.13	.01	.03	.04	.02	.01	.01	.01	.01	.01	.01	.01	.01	28
JACKSONVILLE										.02	.06	.12	.04	.03	.01	.01	.04	.06	.02	.01		.02	.01	.01	23
LAY DAK										.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	60
MAGNOLIA		.02	.01	.01	.04	.04	.04	.04	.04	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	30
MARION 1 SSE				.04	.01	.10	.07	.01	.01						.08	.05	.87	.06	.02	.11	.02	.04	.04	.01	1.68
MIDWAY																									
MOBILE WB AIRPORT	6	.14													.06										55
MOBILE WB CITY		.01	.02	.08	.08	.11	.11	.11	.11	.05	.03														
MONTGOMERY WB APT	6																								
MONTGOMERY WB CITY																									

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HOURLY PRECIPITATION

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Table 4--Continued

Station		A. M. Hour ending												P. M. Hour ending												Total		
		1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12			
MOBILE WB CITY				.51	.01																					.52		
MONTGOMERY WB APT	6		*	*	*	*	*	.40																		.30		
MONTGOMERY WB CITY				.23	.07																					.10		
MOULTON		.09						.01																				
MUSCLE SHOALS CAA A	6	.95																										
NEW BROCKTON					.75	.10																				.85		
PAINT ROCK		.28	.13																							.41		
PETERMAN			.01	.45	.03	.01	.01																			.51		
PLEASANT HILL			.01	.32	.02				.03	.01																.39		
RIVER FALLS 2 NE					.45	.04																				.49		
THORSBY 1 SW		.02	.30	.10																						.42		
TONEY		.20																								.20		
TRAFFORD		.27	.01		.01																					.29		
TROY				.01	.38	.01																				.28		
TUSCALOOSA CAA APT	6		*	*	*	*	*	.01																		.40		
UNIVERSITY			.25																							.25		
VERNON		.02																								.02		
-9th-																												
FLAT ROCK														*	*	*	*	*	*	*	*	*	*	*	*	*		
-11th-																												
ADDISON																.08	.01			.03	.01	.01				.14		
BELGREEN														.07	.02		.02	.02	.02	.07	.03					.19		
BOAZ								.01	*	*	*	*	*	*	*	*	*	*	*	.01	.01	.01	*	*	*	.11		
FLAT ROCK														*	*	*	*	*	*	*	*	*	*	*	*	.06		
FORT PAYNE																			.04									
GARDEN CITY																	.01	.07	.02	.01								
GUNTERSVILLE REC																	.01	.01	.07	.02	.01					.03		
HALEYVILLE																.03	.07		.01							.11		
HUNTSVILLE	6	-	-	-	-	-	-	-	-	-	-	-	-													-		
MOULTON														.02	.26	*	.02	.01	*	.30						.35		
MUSCLE SHOALS CAA A	6							*	*	*	*	*	*	.01	*	*	*	*	.21	*	*		*	*	*	.32		
PAINT ROCK																.10	.12	.02	.01				.07			.50		
TONEY																.09							.09	.20		.32		
TRAFFORD																	.01	.08	.06							.15		
-12th-																												
ADDISON					.01	.07	.58	.20	.20	.19	.10	.02	.13	.01			.07	.14	.09	.03	.27	.08	.27	.34	.11	2.91		
ASHLAND	//																.01									.02		
BELGREEN			.21	.30	.12	.11	.21	.12	.07	.02	.03	.16	.02				.52	.30	.12	.11	.20	.01	.29	.29	.29	2.92		
BERRY										.95	.60	.09		.01		.01	.01	.01	.01	.68	.22	.07	.61	.34	3.60			
BEXAR 2 SE			.10	.53	.17	.20	.28	.14	.04	.05	.18	.14	.01	.01	.01		.21	.02	.05	.30	.08	.12	.04	.26	.29	3.20		
BIRMINGHAM WB APT														.01			.01	.01								.75		
BOAZ							.01	.03	.21	.31	.34	.33	.08	.10	.06				.01	.58	.56	.25	.40	.15	.12	3.54		
CAMPBELL														.02	.19											.21		
EUTAW LOCK NO 7														.02	.02	.01	.02									.05		
FORT PAYNE		.02						.07	.20	.24	.13	.20	.13	.06	.05	.01				.09	.23	.03	.02	.03	.13	1.64		
GARDEN CITY								1.08	.30	.66	.17	.19	.03				.02	.70	.11	1.27	.66	.07	.16	.09	5.51			
GUNTERSVILLE REC					.03	.20	.22	.28	.24	.09	.09	.18	.19	.06			.37	.13	.27	.01	.24	.06	.19	.28	2.91			
HALEYVILLE				.01	.13	.58	.09	.25	.16	.27	.09	.02	.04	.01	.01	.03	.01	.18	.12	.14	.14	.16	.06	.37	2.84			
HUNTSVILLE	6	*	*	*	*	*	*	.53	*	*	*	*	*	1.08	*	*	*	*	.05	*	*	*	*	*	*	*		
JACKSONVILLE		.12	.54	.01				.18	.24	.26	.04	.06	.11	.11	.11	.04	.09	.17	.07	.52	.18	.19	.17	.18	.01	2.55		
MOULTON					.26	.40	.12	.18	.24	.26	.04	.06	.11	.11	.11	.04	.09	.17	.07	.52	.18	.19	.17	.18	.01	3.16		
MUSCLE SHOALS CAA A	6	.28	*	*	*	*	*	1.10	*	*	*	*	*	.28	*	*	*	*	*	.10	.30	.41	.06	.23	.02	.20	.08	3.19
PAINT ROCK						.09	.28	.32	.28	.12	.39	.09	.02	.07	.12	.01			.10	.30	.41	.06	.23	.02	.20	.08	3.19	
PLEASANT HILL					.01	*	*	*	*	*	*	*	*	.07	.12	.01			.10	.30	.41	.06	.23	.02	.20	.08	3.19	
TONEY					.01	.01	.20	.25	.25	.10	.09	.01		.03	.06		.01		.19	.11	.20	.07	.03	.12	.16	1.89		
TRAFFORD								.01	.49	.65	.44	.17	.01	.01			.01					.42	.64	.29	.37	3.50		
TUSCALOOSA CAA APT	6	*	*	*	*	*	*	.01						.17	.01													
VERNON					.30	.66	.18	1.01	.29	.16		.03					.01	*	*	*	*	*	*	*	*	*		
-13th-																												
ABBEVILLE														.19	.06	.01										.26		
ADDISON		.20	.20	.25	.20	.14	.15	.06	.21	.11	.04															1.56		
ASHLAND	//			.01	.07	.02	.80	.30	.11	.19	.21	.27	.01													1.99		
ATMORE STATE FARM											.30	.01														.31		
AUBURN SCS 10											.50	.09														.59		
BELGREEN		.23	.21	.31	.18	.02	.16	.03	.03																	1.17		
BERRY		.49	.24		.32	.29	.26	.16	.11	.15	.04															2.06		
BEXAR 2 SE		.24	.30	.26	.16	.11	.06	.07	.03	.01	.01															1.25		
BIRMINGHAM WB APT		.13	.02	.55	.14	.13	.17	.12	.05	.12	.10	.09		.01												1.63		
BOAZ		.10	.33	.16	.18	.17	.21	.15	.13	.13	.13	.03	.02													1.74		
CAMPBELL								.08	.60	.03																.71		
DADEVILLE NO 2								.37	.19	.51	.05															1.12		
DOTHAN CAA AIRPORT								.16						.12	.09	.04										.41		
EUTAW LOCK NO 7																										1.92		
EVERGREEN CAA APT	6			.01	.94	.20	.23	.26	.20	.05	.03					.36										.40		
FORT MORGAN	//											.31	.09													1.59		
FORT PAYNE		.20	.19	.14	.19	.25	.12	.19	.15	.06	.09	.01														2.01		
GARDEN CITY		.27	.33	.14	.14	.27	.14	.23	.16	.22	.08	.03														.28		
GREENVILLE NO 2											.20	.02	.01			.02	.03									1.28		
GUNTERSVILLE REC		.17	.20	.20	.15	.22	.20	.09			.05															1.17		
HALEYVILLE		.18	.19	.27	.13	.15	.09	.06	.05	.05																		

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See reference notes following Station Index.

HOURLY PRECIPITATION

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Station		A. M. Hour ending												P. M. Hour ending												Total
		1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	
TRAFFORD					.02								.01							.02						.05
TUSCALOOSA CAA APT	6	.01																								
-27th-																										
ABBEVILLE													.60	.50	.17	.03	.01						.02	.47	.23	.72
ADDISON																.06	.49	.64	.09							1.31
ASHLAND	//															.02	.21	.11	.33	.02						1.28
ATMORE STATE FARM																										1.70
AUBURN SCS 10																										1.74
BELGREEN											.30	.52	.08	.06	.03					1.10	.24					.99
BERRY																.96	.40	.15	.01	.01		.01				1.55
BEXAR 2 SE											.65	.46	.09										.01			1.20
BIRMINGHAM WB APT														.04	.66	.21	.11									1.02
BOAZ														.01	.71	.38	.14	.01								1.25
CAMPBELL														.33	.06	.16										.55
DADEVILLE NO 2																	.26	.37	.50	.03		.02				1.18
DOTHAN CAA AIRPORT																										.58
EUTAW LOCK NO 7																							.08	.33	.17	
EVERGREEN CAA APT	6																									
FLAT ROCK											.03						.82	.52	.28	.06	.13					1.84
FORT MORGAN	//																	.08	.01	.09						.19
FORT PAYNE															.07	.69	.25	.06								1.07
GARDEN CITY																										1.14
GREENVILLE NO 2																										1.04
GUNTERSVILLE REC														.70	.50	.20	.09	.41	.28	.33						1.49
HALEYVILLE											.55	.38		.10	.12		.02									1.17
HUNTSVILLE																										.50
JACKSON LOCK 1	6														.38	.10				1.30						.75
JACKSONVILLE																.08	.38	.27	.02							.85
LAY DAM																.44	.30	.08	.02					.01		.50
MAGNOLIA																	.50									.73
MARION 1 SSE															.40	.27	.03									.88
MIDWAY																			.04	.02	.33	.25	.21	.03		.15
MOBILE WB AIRPORT	6																									.91
MOBILE WB CITY																	.02	.04								1.20
MONTGOMERY WB APT	6																.14	.32	.42	.03						.76
MONTGOMERY WB CITY																										1.98
MOULTON											.91	.13		.16	.74					.09						.03
MUSCLE SHOALS CAA A	6													1.10	.44	.28	.03	.03	.02		.13	.23	.33	.05		.76
NEW BROCKTON																.10	.47	.23	.02							.82
PAINT ROCK											.10															1.03
PETERMAN																.45	.25	.07	.01			1.03				.78
RIVER FALLS 2 NE																										1.11
THORSEY 1 SW														.46	.40	.11	.11	.03								1.15
TONEY																										1.20
TRAFFORD																	.39	.46	.30							.99
TROY																				.63	.10	.46	.01			1.46
TUSCALOOSA CAA APT	6													.48												
UNIVERSITY														.35	.35	.25	.04									
VERNON											1.06	.22		.03	.15											
-28th-																										
ABBEVILLE	//									.01	.02															.03
ASHLAND																								.03		.03
BEXAR 2 SE										.02	.01															.01
DOTHAN CAA AIRPORT		.01																								.03
FORT PAYNE		.01		.01	.01																					.01
GREENVILLE NO 2		.01																								.03
MOULTON																										.01
PLEASANT HILL							.02																			.02
-29th-																										
EUTAW LOCK NO 7		*	*	*	*	*	*	1.10																		1.10
-30th-																										
BIRMINGHAM WB APT										.01											.01	.01	.01			.03
GUNTERSVILLE REC																										.01
-31st-																										
ADDISON																				.01	.02					.01
BELGREEN																					.03					.02
BEXAR 2 SE																										.04
CAMPBELL																										.03
DADEVILLE NO 2										.02	.01											.01			.02	.06
FORT PAYNE																										.04
GARDEN CITY																					.02	.02				.01
GREENVILLE NO 2																										.04
HALEYVILLE																								.01	.01	.02
HUNTSVILLE																										
MUSCLE SHOALS CAA A	6																									.03
PAINT ROCK	6																									.05
THORSEY 1 SW																										.10
TONEY																					.02	.01	.02			.02
TRAFFORD																										.04
VERNON																	.03				.02			.01		

DAILY TEMPERATURES

ALABAMA
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Table 5

Station	Day of month																																	Average
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31			
ALBERTVILLE 1 S	MAX MIN	59 38	49 25	37 26	46 34	51 17	56 36	57 48	66 36	39 26	47 24	61 44	61 34	64 27	51 28	59 28	53 33	65 33	65 39	71 43	63 42	63 40	59 40	61 30	79 44	78 51	78 48	74 62	71 49	62 30	51 27	59 37	59.3 37.9	
ALEXANDER CTY 6 NE	MAX MIN	70 45	50 31	48 28	47 37	45 38	51 39	51 51	60 43	53 25	64 43	73 36	78 59	41 30	60 30	64 30	62 33	66 33	74 36	70 52	70 43	63 46	62 27	68 41	79 57	80 60	80 57	80 54	74 50	71 39	56 25	62 25	66.1 40.2	
ANDALUSIA	MAX MIN	76 56	62 36	52 35	47 37	45 41	51 42	60 49	58 51	73 31	59 36	58 43	78 52	80 65	75 32	60 38	62 49	70 41	72 43	73 44	76 56	58 52	65 51	71 38	80 48	84 60	81 62	81 64	79 53	72 32	55 35	67.6 45.9		
ANNISTON CAA AIRPORT	MAX MIN	61 36	41 30	45 30	42 37	38 38	59 42	69 51	60 33	49 35	63 44	72 62	75 47	69 32	56 42	63 51	63 45	73 45	66 40	64 36	66 40	58 38	65 30	77 44	77 55	79 56	78 49	73 45	64 38	49 31	62 26	62.4 39.3		
ATMORE STATE FARM	MAX MIN	78 56	59 36	51 36	46 38	53 42	57 48	76 51	73 50	58 33	68 35	76 44	78 62	75 47	61 32	63 42	68 51	67 45	74 45	74 55	73 48	72 51	65 36	73 51	77 56	83 66	83 56	80 53	77 51	80 33	71 33	66 33	69.5 45.9	
AUBURN	MAX MIN	72 44	52 31	46 29	46 32	41 35	51 36	54 43	69 48	53 27	63 29	71 36	77 52	70 52	60 29	62 31	61 45	62 36	70 39	70 37	69 48	60 42	61 43	66 28	76 37	78 50	80 53	80 59	78 48	73 49	66 34	60 26	63.3 39.6	
RAY MINETTE	MAX MIN	67 49	50 34	47 36	46 38	53 48	57 46	74 69	60 49	63 33	68 36	74 62	79 64	71 62	66 32	66 52	68 42	74 44	73 38	75 45	63 52	67 48	73 43	78 50	82 51	81 65	80 58	78 52	74 47	65 36	66 35	68.2 45.0		
BELLE MINA 2 N	MAX MIN	61 39	50 25	46 28	45 34	60 38	61 48	68 44	60 33	46 26	63 45	62 51	63 34	56 28	60 46	58 34	63 42	62 36	63 48	67 42	66 36	66 27	66 43	76 50	77 60	82 53	82 56	71 50	71 30	50 28	60 28	62.6 38.6		
BIRMINGHAM WB APT	MAX MIN	63 39	42 29	46 32	43 38	59 43	56 43	71 51	61 34	50 29	64 29	75 48	61 60	57 34	63 29	64 35	65 39	74 45	69 40	62 38	67 40	57 34	67 30	79 56	80 55	82 63	76 53	73 48	64 37	52 32	62 29	63.6 40.2		
BIRMINGHAM WB CITY	MAX MIN	68 41	49 29	45 32	44 38	55 45	63 51	68 55	58 34	65 29	76 48	78 60	70 34	60 29	65 39	55 44	66 35	76 45	70 40	65 38	68 41	64 34	70 55	80 60	82 63	81 54	78 51	74 44	69 31	55 33	62 33	68.4 42.2		
BREWTON 3 SSE	MAX MIN	73 49	58 31	51 36	46 38	52 43	61 48	78 50	70 51	60 28	68 26	75 36	79 57	75 49	62 36	65 50	71 36	68 41	73 37	76 49	75 52	72 30	68 40	74 51	81 62	84 60	82 50	80 46	78 35	75 35	70 28	67 36	69.9 42.9	
CAMDEN	MAX MIN	71 46	52 34	48 33	42 37	52 40	55 45	74 50	69 47	57 30	67 31	77 39	73 61	59 39	65 32	68 38	77 41	73 40	73 50	66 45	73 34	81 50	81 61	83 64	80 57	83 50	78 49	76 34	69 31	59 26	69 31	67.7 43.0		
CAMP HILL 2 NW	MAX MIN	56 44	50 32	48 29	45 40	52 47	57 50	70 42	54 27	62 28	63 43	70 52	76 48	72 29	60 48	62 34	63 42	73 38	69 52	69 42	60 45	62 28	67 42	76 58	78 58	80 46	78 47	76 46	66 35	63 25	63.9 41.0			
CENTREVILLE	MAX MIN	60 48	57 34	50 36	42 42	52 40	58 46	70 52	59 48	58 28	66 42	76 66	80 35	72 33	55 40	60 51							64 32	76 58	82 64	82 66	78 62	76 49	66 48	58 36	66 32	66.0 45.0		
CHATOM	MAX MIN	70 48	55 32	48 31	44 37	50 42	54 46	77 46	68 48	68 26	78 27	80 34	75 61	63 42	60 31	68 36	69 48	77 35	74 38	70 48	70 47	67 45	75 30	79 52	83 58	83 65	88 56	80 50	75 49	64 31	67 28	69.0 41.9		
CITRONELLE	MAX MIN	66 50	53 37	48 36	46 38	50 43	55 49	67 50	59 35	67 35	76 50	79 63	73 41	58 31	69 40	67 50	75 43	74 50	71 49	66 45	65 49	74 52	79 60	82 52	83 67	80 59	77 53	72 49	68 35	65 49	67.6 46.5			
CLANTON	MAX MIN	74 42	57 32	45 32	48 33	51 38	57 40	71 45	52 27	63 29	75 43	78 59	60 30	56 31	61 39	61 35	73 36	69 43	65 44	62 40	62 33	69 35	80 55	82 63	82 63	78 63	74 47	68 33	52 29	64.0 40.1				
CORDOVA	MAX MIN	69 43	59 29	56 32	48 30	63 40	73 50	56 40	63 25	70 24	67 40	76 55	77 38	71 30	56 32	65 40	67 30	76 36	76 43	70 42	69 43	68 40	80 27	80 48	81 60	81 58	75 50	72 34	58 31	64 27	68.3 39.1			
DAYTON	MAX MIN	74 62	56 35	53 42	47 38	52 47	56 51	74 45	70 39	65 34	79 44	82 64	75 40	70 29	65 40	66 49	75 36	68 45	68 46	67 41	68 46	71 57	81 55	81 60	85 62	85 57	80 51	78 46	57 31	70 32	69.7 44.2			
DECATUR	MAX MIN	60 40	46 22	45 29	40 37	60 42	57 50	71 47	65 34	67 29	77 49	80 51	74 34	64 30	58 33	61 47	64 34	65 42	67 45	61 42	68 39	63 32	81 54	76 53	78 63	81 65	79 49	73 40	66 32	61 26	61.9 40.3			
DOTHAN CAA AIRPORT	MAX MIN	65 43	52 33	48 35	45 38	51 47	60 54	75 48	65 38	58 33	64 44	76 56	83 39	75 32	59 40	65 49	72 41	65 45	68 39	73 54	80 32	58 46	66 38	80 48	82 61	82 62	82 60	73 56	63 43	52 37	67.3 44.3			
EUFULA	MAX MIN	71 52	60 34	51 33	52 37	50 39	46 56	78 53	72 58	52 30	62 28	71 50	82 53	78 55	58 31	62 41	63 51	70 43	72 36	70 49	72 41	61 48	67 49	75 68	78 70	80 62	80 54	74 55	68 38	62 29	67.4 44.7			
EVERGREEN CAA APT	MAX MIN	67 39	54 34	47 36	45 38	53 41	59 43	77 40	66 29	67 28	77 36	80 64	74 37	58 32	68 37	68 49	74 38	73 41	74 30	62 50	66 42	66 31	78 48	82 57	81 65	80 54	79 49	73 40	57 28	65 25	67.8 41.2			
FAIRHOPE	MAX MIN	65 48	56 31	42 34	46 35	54 39	61 43	71 40	68 29	61 45	71 57	78 40	68 32	64 26	64 38	72 42	65 33	73 49	74 42	73 47	64 48	68 32	72 42	78 54	80 61	79 53	78 53	74 47	56 36	64 33	67.5 41.3			
FAYETTE	MAX MIN	67 41	54 28	45 31	47 33	45 38	63 41	56 44	70 37	48 26	65 26	75 38	64 51	53 27	56 31	64 41	67 30	76 37	71 41	67 38	70 34	67 29	79 47	81 56	83 61	83 67	72 46	74 39	63 28	54 27	63.7 38.5			
FORT MORGAN	MAX MIN	67 53	55 46	52 39	44 42	58 40	66 54	63 45	60 44	65 47	71 59	74 62	69 45	62 38	62 50	61 54	72 54	67 57	65 55	72 58	67 44	68 54	76 66	77 54	76 62	74 60	74 60	63 43	60 34	65.7 51.2				
FRISCO CITY	MAX MIN	77 47	63 35	54 35	45 36	53 39	56 42	75 47	57 41	58 36	66 40	75 53	78 54	71 31	61 35	57 49	67 38	66 44	74 44	74 52	73 46	62 36	65 49	73 51	80 56	81 64	82 66	79 48	78 34	58 31	66.9 44.1			
GADSDEN	MAX MIN	61 38	54 28	42 28	47 30	60 36	62 38	78 43	64 45	59 28	68 22	78 28	64 48	54 47	62 28	57 27	64 36	75 41	67 46	76 43	67 43	66 28	75 39	80 50	85 54	88 64	75 45	76 46	62 32	61.7 37.7				
GENEVA	MAX MIN	78 37	66 32	55 36	49 42	59 45	62 49	81 58	65 41	60 30	67 33	76 53	85 65	77 31	66 35	65 42	75 39	76 51	83 52	70 44	75 39	80 48	85 62	88 64	83 54	82 53	77 48	70 30	70.8 43.3					
GOODWATER	MAX MIN	73 41	57 31	45 29	46 31	40 36	59 38	53 45	71 48	50 29	62 30	72 35	76 46	63 29	60 34	62 35	60 43	65 38	74 41	69 47	68 41	61 43	67 33	78 55	79 60	80 61	77 45	72 48	65 32	63.5 39.8				
GREENSBORO	MAX MIN	70 46	50 34	46 35	45 40	59 43	58 42	72 53	64 43	57 29	77 31	79 44	73 59	60 38	62 29	66 36	75 41	72 47	64 47	66 40	80 44	82 38	80 54	83 60	81 64	76 57	70 45	61 31	66.5 43.2					
GREENVILLE	MAX MIN	70 48	58 36	48 35	44 38	52 39	57 45	74 52	55 48	56 31	65 39	77 60	81 41	73 40	61 32	67 47	73 42	74 55	74 44	64 36	64 49	80 36	80 48	84 58	82 64	78 48	74 51	67 34	64.5 44.5					
HALEVILLE	MAX MIN	57 37	44 24	40 28	44 34	62 48	59 43	68 48	63 32	48 25	62 40	68 45	58 32	53 25	62 35	57																		

DAILY TEMPERATURES

ALABAMA
MARCH 1950

Table 5-Continued

Station		Day of month																																Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
MADISON	MAX MIN	60 38	50 25	38 28	46 29	44 38	61 42	58 46	69 41	42 26	45 27	63 33	60 49	64 48	29 29	36 36	62 37	56 45	64 37	65 45	65 43	57 39	68 39	45 32	63 33	76 55	78 55	81 62	71 49	73 43	57 31	49 32	59.1 38.5	
MARION JUNCTION 2 N	MAX MIN	59 46	49 33	49 34	44 39	57 42	55 46	73 52	64 43	55 26	63 28	79 39	81 60	75 40	61 30	59 39	63 49	67 36	75 40	72 40	62 49	65 38	61 45	70 35	80 52	84 63	84 55	80 49	76 45	68 30	55 30	63 30	66.1 41.9	
MAXWELL FIELD	MAX MIN	65 42	49 37	47 35	43 41	55 43	55 46	75 52	62 39	56 32	64 34	77 45	80 60	72 38	59 33	63 41	65 50	65 41	74 45	73 46	69 51	64 47	63 46	69 39	79 55	81 63	85 64	83 56	78 44	70 37	56 33	62 32	66.4 44.8	
MOBILE WB AIRPORT	MAX MIN	67 43	52 38	44 37	47 41	53 43	57 48	68 45	68 38	60 35	67 38	73 45	76 60	70 46	61 38	64 33	64 48	70 44	66 40	72 44	72 50	64 52	66 44	72 39	77 50	79 59	78 67	76 59	77 54	73 46	60 37	63 38	66.6 45.5	
MOBILE WB CITY	MAX MIN	68 47	53 40	45 37	49 41	53 44	57 50	64 51	69 43	59 37	68 30	70 40	71 54	72 60	61 36	65 49	72 39	67 43	67 40	71 44	73 54	64 46	67 53	68 45	74 53	76 62	74 66	75 63	79 57	74 48	70 37	63 37	66.1 48.2	
MONTGOMERY WB APT	MAX MIN	65 41	50 35	46 35	43 39	54 41	54 44	75 51	62 37	55 31	64 30	71 40	81 58	72 36	60 31	64 36	60 49	64 39	72 43	72 40	69 48	63 43	64 40	67 38	79 53	81 58	83 62	83 56	77 50	70 40	55 36	61 30	65.1 42.3	
MONTGOMERY WB CITY	MAX MIN	64 42	48 36	46 35	42 40	54 41	55 46	75 52	63 43	55 35	63 35	76 46	81 60	71 46	59 38	61 43	63 49	64 41	72 46	71 48	69 54	62 46	63 41	70 38	80 53	81 62	83 64	81 56	76 53	69 42	54 36	60 37	65.5 44.8	
MUSCLE SHOALS CAA A	MAX MIN	51 37	40 26	47 28	50 26	65 42	60 43	71 52	66 32	52 28	66 32	59 56	66 31	59 27	55 32	62 30	51 27	63 40	64 34	67 45	54 39	70 40	52 35	65 29	75 55	73 84	79 60	72 53	72 50	54 35	50 29	60 33	61.0 39.8	
ONEONTA	MAX MIN	64 40	53 26	41 26	46 30	40 37	55 38	71 40	60 40	50 28	64 25	75 28	69 48	58 57	55 28	60 29	54 34	65 33	64 34	74 43	62 37	68 40	54 27											

ALABAMA
MARCH 1950

U. S. DEPARTMENT OF COMMERCE

CHARLES SAWYER, Secretary

WEATHER BUREAU

F. W. REICHELDERFER, Chief

AGRICULTURAL REFERENCE DEPARTMENT
CLEMSON COLLEGE LIBRARY

CLIMATOLOGICAL DATA

ALABAMA

APRIL 1950

Volume LVI No. 4



A. R. Long, Section Director - Montgomery

Weather Summary

Temperature fluctuated considerably this month, and there were some unusually late frosts. The mean temperature was 3.5° lower than normal, so that the spring months of March and April have been a cool follow-up to the exceptionally mild winter this year. Rainfall was light over all the State except in portions of the south where some rather heavy rain fell on the 3rd and 4th to bring the monthly totals up to near normal or slightly above.

Light rain on the 1st was followed by abnormal warmth on the 2nd and 3rd. General rain, light in the north and moderate to heavy in the south and central portions, fell on the 3rd and 4th. Temperatures dropped, and on the morning of the 7th there was frost over most of the State. It was rather warm around the 9th and 10th, there was light rain on the 11th, and temperatures started downward again, bringing frost over much of the north and in scattered spots in the middle counties on the 14th, 15th, and 16th. On the 18th, light to moderate rain occurred. This was followed by another cool wave which brought minimum temperatures as low as 32° or slightly lower in the north on the 21st. Thereafter, temperatures were moderate. There was scattered light rain in the north on the 22nd and scattered light to moderate showers occurred in many sections each day from the 25th to the 30th.

Farmers in the north got a late start preparing land for summer crops, due to the soil having continued wet through March. Rapid progress was made during April, however, and as the month ended in that area, cotton planting was 75% complete and corn planting was 25% finished. Over other sections of the State good progress has been made throughout the spring. About 85% of the peanut crop was planted during the month, and a big portion of the Baldwin County Irish potato crop was dug.

Cool weather was unfavorable for the germination of cotton, and much had to be replanted. Pastures were held back by frosts and drying soil in most sections, and they were not up to normal for the time of year. The frosts did considerable damage to early planted tender truck such as melons, cucumbers, snap beans, and tomatoes, and some damage was done to strawberries. It has since been determined that peaches in the north are practically a failure as a result of the mild winter and the late freezes. There is, however, a fair outlook for the crop in Chilton County.

TORNADOES AND HAILSTORMS

In Mobile County on the 18th, at 1:30 a. m., a tornado moved toward the NNE over a path 100 yards wide by 12 miles long. It first hit in Wragg Swamp, with the path curving slightly and becoming more toward the northeast. It passed within one-half mile of the Spring Hill siesmograph, causing an abrupt vibration which lasted 1 minute and 13 seconds. No one was killed, but 15 persons were hurt. Eleven houses and a lumber warehouse were destroyed, and other buildings damaged, with total loss about \$235,000.

About fifteen minutes later, across the Bay in Baldwin County, in the old Spanish Fort settlement, another windstorm, possibly a tornado, moved toward the NNE along a path 150 yards wide by two miles long. The fallen trees gave the appearance of a straight wind, but the narrow path probably indicated that the damage area was in the right hand side of a large and weak tornado. One house and three other buildings were damaged, but no one was injured. The estimated total damage was \$15,000.

There was hail in many scattered localities over the State on the 27th, but no reports of damage were received. At Milstead, in Macon County, at 4:30 p. m., moderate hail fell, with many stones one inch in diameter and a few up to two inches in diameter. At Orrville, in Dallas County, some stones as large as small eggs caused some light damage to gardens.

FLOODS

The lower Tombigbee from Demopolis southward was in receding flood stages as the month began. There were no subsequent important rises and no other floods occurred in the State.---F.C.P.

ACKNOWLEDGMENTS

In addition to the climatological data from some 6,000 Weather Bureau and cooperative weather stations, this bulletin series contains records from Hydroclimatic Network Stations which were formerly reproduced in the Hydrologic Bulletin Series. The Hydroclimatic Network is a nationwide net of rain gages--mostly of the recording type which produce continuous records of precipitation. It was established in 1939 at the request of the Corps of Engineers, Department of the Army, to supplement existing precipitation stations in order to provide records of rainfall intensity which were essential to the planning of flood control and related works by the Corps of Engineers. This Network, now numbering about 2,000 recording, and 1,000 non-recording rain gages, has been maintained by the Weather Bureau through working funds transferred annually to the Weather Bureau by the Corps of Engineers. These transfers averaged about \$250,000 per year between 1940 and 1944, and nearly \$375,000 since that date. For the years 1940-42, the Department of Agriculture transferred about \$100,000 per year to provide data required in its work, and since 1947 the Bureau of Reclamation has transferred about \$25,000 per year to meet the increasing needs of their program in the Western States.

Previous to the introduction of this bulletin series, data from Hydroclimatic Network stations were presented in bulletins (Hydrologic Bulletins) which were issued monthly for each of 8 drainage areas embracing the entire United States, but since the Network was established to meet the internal requirements of the Federal agencies referred to above, no provision was made for public dissemination of the data, distribution being limited to cooperating agencies and to certain public repositories. A list of locations where reference copies of the Hydrologic Bulletin Series are available for inspection may be obtained upon application to Chief, U.S. Weather Bureau, Washington 25, D. C.

Many other records published in this bulletin have been made available through the cooperation of various public offices, private agencies, and individuals as listed in the Station Index.

SUPPLEMENTAL DATA

ALABAMA
APRIL 1950

APRIL 1950

Station	Wind direction		Wind speed in m.p.h.				Relative humidity averages - percent				Number of days with precipitation										Average days per year with precipitation	Days free of precipitation
	Prevailing	Percent of time from prevailing	Average	Fastest mile	Direction of fastest mile	Date of fastest mile	12:30 a CST	6:30 a CST	12:30 p CST	6:30 p CST	Trace	01-09	10-19	20-29	30-39	40-49	50-59	60-69	70-79			
ANNISTON WB AP	NW	13	7.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
BIRMINGHAM WB AP	S	16	8.4	34	NW	4	72	80	45	48	4	2	6	1	0	0	13	74	5.1	211		
MOBILE WB CITY	S†	20†	11.3†	40	SE	18	82†	84†	55†	69†	3	3	4	0	1	2	13	60	9.0	111		
MONTGOMERY WB CITY	S†	16†	7.2†	30	W	25	75†	84†	47†	54†	3	2	4	1	2	0	12	71	4.5	141		
† AIRPORT DATA																						

† AIRPORT DATA

COMPARATIVE DATA

Table 1

Year	Temperature			Precipitation		Year	Temperature			Precipitation		Year	Temperature			Precipitation	
	Average	Highest	Lowest	Average	No. of days 01 or more		Average	Highest	Lowest	Average	No. of days 01 or more		Average	Highest	Lowest	Average	No. of days 01 or more
1884	62.6	94	28	4.57	8	1909	63.4	94	29	6.67	8	1934	64.6	91	30	3.68	8
1885	64.4	92	26	3.76	7	1910	61.9	91	26	3.40	6	1935	64.9	92	30	5.50	9
1886	63.8	92	25	4.58	8	1911	63.9	91	33	7.75	9	1936	62.5	93	28	6.82	9
1887	64.3	90	24	2.06	4	1912	64.6	90	31	10.00	11	1937	63.4	92	29	7.03	9
1888	66.3	89	30	2.24	5	1913	62.3	92	31	2.34	5	1938	64.1	93	28	9.53	9
1889	63.8	91	32	3.20	5	1914	63.8	91	25	3.84	7	1939	62.7	89	28	3.52	8
1890	64.5	89	31	3.26	7	1915	64.9	96	22	0.57	2	1940	62.4	89	21	3.57	8
1891	63.8	92	22	2.27	5	1916	62.2	93	29	3.14	5	1941	65.8	90	36	2.93	7
1892	65.3	91	29	4.30	8	1917	64.0	96	30	3.48	5	1942	64.6	97	25	1.80	2
1893	67.0	90	32	4.06	7	1918	61.1	92	25	7.60	10	1943	64.2	97	25	3.72	6
1894	65.4	98	31	3.49	7	1919	62.6	92	24	3.48	4	1944	62.9	91	23	9.29	12
1895	63.5	90	30	3.76	7	1920	62.3	91	25	9.21	11	1945	66.7	92	32	7.69	9
1896	68.3	94	30	3.67	5	1921	62.3	88	27	6.53	6	1946	67.0	91	30	3.02	6
1897	62.4	91	29	4.20	8	1922	66.9	92	32	4.12	7	1947	66.0	92	32	6.82	10
1898	58.5	88	25	4.44	7	1923	63.4	90	24	5.99	11	1948	68.0	91	32	3.79	7
1899	62.0	98	26	2.48	6	1924	63.3	90	22	5.58	8	1949	62.3	91	28	5.79	9
1900	63.9	91	24	8.93	10	1925	66.2	94	31	1.51	4	1950	59.9	90	24	3.63	6
1901	57.8	91	26	5.31	6	1926	61.2	89	24	2.32	6	Period	63.4			4.63	
1902	62.0	92	27	2.33	7	1927	68.1	93	29	2.28	6						
1903	61.1	89	30	2.64	6	1928	59.8	89	28	9.86	10						
1904	60.4	89	28	2.15	6	1929	66.8	95	35	4.63	9						
1905	63.9	92	25	3.60	10	1930	65.5	90	29	1.47	3						
1906	65.2	96	28	1.03	4	1931	61.5	90	29	3.42	6						
1907	58.7	89	24	6.44	11	1932	64.8	93	30	3.04	5						
1908	67.3	94	26	6.00	8	1933	62.7	90	31	6.50	11						

See reference notes following Station Index

CLIMATOLOGICAL DATA

ALABAMA
APRIL 1950

Table 2

Station	Temperature								Precipitation									
	Average	Departure from Normal	Highest	Date	Lowest	Date	No. of Days		Total	Departure from Normal	Greatest Day	Date	Snow, Sleet, Hail			No. of Days		
							Max. 90° or above	Min. 32° or below					Total	Max Depth on Ground	Date	.01 or more	.25 or more	1.00 or more
NORTHERN DIVISION																		
ALBERTVILLE 1 S	58.0M	- 2.1	82	27	27	7	0	4	2.73	- 1.93	.13	11	0.0			7	4	0
ANNISTON WB AIRPORT	57.7		85	27	29	7+	0	6	1.99	- 2.38	.94	4	0.0			6	3	0
BELLE MINA 2 N	58.1M		90	24	26	14	1		3.37		1.00	28	0.0			10	6	1
BIRMINGHAM WB APT	59.1	- 2.6	84	23+	27	7	0	4	1.97	- 2.84	.68	18	0.0			9	3	0
BIRMINGHAM WB CITY	61.1	- 2.2	85	23+	29	14	0	4	2.33	- 2.48	.74	18	0.0			11	2	0
CORDOVA	59.6M	- 2.1	85	24+	25	7	0	5	2.41	- 2.43	.70	28	0.0			6	4	0
DECATUR	58.4	- 3.4	82	23	30	14	0	2	3.50	- .98	1.02	28	.T			11	4	1
FAYETTE	57.7		85	28	27	7	0	7	2.77	- 2.23	1.24	28	0.0			10	3	1
GADSDEN	57.0	- 4.5	86	28	25	7+	0	6	2.30	- 2.56	.78	5	0.0			12	2	0
GOODWATER	58.0M	- 4.3	85	24+	27	7	0	2	3.07	- 1.53	1.95	5	0.0			9	3	1
HALEYVILLE	57.0		82	23	28	7+	0	4	1.99		.48	30	0.0			9	3	0
HUNTSVILLE	56.1		82	23+	27	7+	0	7	2.88	- 1.94	1.13	28	0.0			9	4	1
LINCOLN	58.3		85	27+	26	7	0	6	1.78		.50	3+	0.0			6	3	0
MADISON	57.5	- 3.3	85	28	30	14+	0	5	2.74	- 2.09	.76	29	0.0			11	4	0
MUSCLE SHOALS CAA AP	57.6	- 3.1	84	27	29	14	0	3	4.01	- .59	1.93	28	0.0			11	3	1
ONEONTA	57.1	- 2.8	85	24+	25	7	0	7	2.22	- 2.80	.45	28	0.0			8	5	0
ROCK MILLS	59.9		85	27+	26	7	0	4	1.42	- 3.08	.55	5	0.0			8	2	0
SAINT BERNARD	56.2	- 4.3	85	28	26	7	0	6	2.32	- 2.52	.38	23	0.0			12	4	0
SAND MTN STA FRM AP	55.7		80	24+	26	14	0	5	2.45		.94	22	0.0			8	4	0
SCOTTSBORO	56.3	- 3.8	84	27	25	7	0	7	1.41	- 3.40	.42	4	0.0			7	3	0
TALLADEGA	58.3	- 4.4	86	27	25	7	0	6	1.06	- 3.56	.30	5	0.0			6	2	0
TUSCALOOSA CAA APT	60.4	- 2.9	87	28	30	7	0	3	4.06	- .84	1.48	18	0.0			10	5	1
UNIVERSITY	60.5	- 2.8	85	28	31	7+	0	2	4.48	- .42	2.05	18	0.0			12	6	1
VALLEY HEAD	55.1	- 3.7	83	26	24	15	0	8	1.89	- 3.19	.96	5	0.0			3	2	0
DIVISION	57.9								2.55				T					
MIDDLE DIVISION																		
ALEXANDER CTY 6 NE	59.4		85	28	25	7	0	5	2.48		.73	5	0.0			9	3	0
AUBURN	57.4	- 6.7	83	29	29	7	0	3	3.20	- 1.27	.95	5	0.0			10	3	0
CAMDEN	62.3		85	27	31	7	0	1	3.26		.76	4	0.0			10	5	0
CAMP HILL 2 NW	58.1		83	28	28	7	0	5	4.92		2.54	4	0.0			9	5	1
CENTREVILLE	61.7M	- 1.7	87	27	30	7	0	3	2.00	- 3.08	.78	5	0.0			7	3	0
CLANTON	58.9	- 3.9	85	29	29	7	0	3	3.38	- 1.22	1.85	5	0.0			10	2	1
DAYTON	62.8		86	27	32	7	0	1	2.50		.83	4	0.0			8	5	0
EUPAULA	61.7	- 2.8	85	23+	30	7	0	1	3.46	- .95	1.32	5	0.0			7	4	1
GREENSBORO	61.3	- 2.8	85	27	31	7	0	2	2.83	- 1.84	.66	18	0.0			10	6	0
GREENVILLE	62.6	- 2.7	85	23+	35	7	0	0	4.77		.03	1.33	18	.T		9	6	2
HIGHLAND HOME	61.4	- 3.7	85	10	34	6	0	0	9.62	5.24	4.60	5	0.0			7	6	4
LA FAYETTE	59.6		85	24+	30	7+	0	3	3.84		1.56	25	0.0			9		
LIVINGSTON	60.6	- 2.9	85	27	30	7	0	3	3.83	- .67	.95	4	0.0			8	7	0
MARION JUNCTION 2 N	60.8		86	27	30	7	0	2			1.20	4	0.0					
MAXWELL FIELD	62.2		85	23+	36	7	0	0			1.30	4	0.0					
MONTGOMERY WB APT	60.7		85	27	31	7	0	1	2.89		.93	18	0.0			10	3	0
MONTGOMERY WB CITY	61.9	- 3.4	85	23+	37	6+	0	0	4.04	- .26	1.17	4	.T			9	4	2
PRATTVILLE	61.0	- 2.5	85	23+	31	7	0	1	4.10	- .31	.93	4	0.0			8	5	0
PUSHMATAHA	60.5M	- 3.7	85	28	30	7	0	2	2.40	- 2.69	1.14	5	0.0			5	3	1
SELMA	62.9	- 2.0	87	27	32	7	0	1	2.53	- 1.88	1.01	5	.T			11	3	1
THOMASVILLE	61.8	- 2.9	85	27	35	6+	0	0	1.80	- 2.55	.66	5	0.0			8	3	0
TROY	61.0M	- 4.8	84	29	33	7	0	0	6.10		1.53	5	0.0			6	6	2
TUSKEGEE	60.6	- 4.1	84	24	32	7	0	1	3.44	- .51	.70	26	0.0			10	6	0
UNION SPRINGS	61.7	- 2.9	84	28	32	7	0	1	6.88	2.15	2.70	26	0.0			9	8	2
WETUMPKA	61.2	- 3.2	84	23+	32	7	0	1	5.02	.63	1.59	5	0.0			10	6	2
DIVISION	61.0								3.88				T					
SOUTHERN DIVISION																		
ANDALUSIA	62.6		86	30	32	7	0	1	3.51		1.40							

See reference notes following Station Index

HOURLY PRECIPITATION

ALABAMA
APRIL 1950

Table 4

Station		A. M. Hour ending												P. M. Hour ending												Total	
		1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12		
-1st-																											
ADDISON			.01		.02	.01	.04		.01			.01	.01	.01	.01											.14	
ANNISTON WB AIRPORT	6																										
ASHLAND	//																									.03	
ATMORE STATE FARM				.03	.01	.01		.06	.01	.01		.01	.01			.03	.04									.19	
AUBURN SCS 10														.03	.02												.05
BELGREEN			.08	.05	.05	.03																					.21
BERRY				.05	.04	.02	.14	.04		.02			.02			.01	.01	.01									.37
BEXAR 2 SE				.01	.02	.02	.01		.01	.02	.01	.02	.01	.01	.01	.01											.16
BIRMINGHAM WB APT				.01			.01	.01	.01	.02		.02	.02														.10
BOAZ			.01		.02		.01		.01	.01	.01	.01	.02	.01	.01												.13
CAMPBELL						.01	.05	.03	.03			.01	.01														.14
DADEVILLE NO 2		.02	.01	.02														.01									.05
EUTAW LOCK NO 7	6		.03	.08	.07	.02	.04	.01								.03	.01		.08	.01							.35
EVERGREEN CAA APT								.01																			
FLAT ROCK												.03		.07		.02	.04										.16
FORT MORGAN	//															.05	.05				.01	.01	.01				.13
FORT PAYNE		.01	.01																								.02
GARDEN CITY			.01	.02	.01	.01			.01	.02	.01	.02	.01	.03	.01	.01											.16
GREENVILLE NO 2		.02						.02		.01	.02			.01	.04	.03	.01		.01								.17
GUNTERSVILLE REC							.03						.03	.02	.01				.01								.09
HALEYVILLE			.03	.02	.04	.08		.01																			.23
HUNTSVILLE	6	.02							.03							.05											
JACKSON LOCK 1					.01	.04	.03						.01														.09
JACKSONVILLE										.01		.03	.01	.02	.02	.02	.01		.01		.01						.14
LAY DAM				.02	.01	.02	.03	.02	.01	.01									.05	.02		.01					.08
MAGNOLIA				.01	.03	.05	.04	.02	.01	.01			.02														.26
MOBILE WB AIRPORT	6							.18								.06											
MOBILE WB CITY			.03	.04	.02			.02	.04	.02		.02	.02	.01	.10	.06	.01										.39
MONTGOMERY WB APT	6								.04							.07											
MONTGOMERY WB CITY							.03	.02	.02	.02		.01	.02	.01													.13
MOULTON			.02		.01	.02		.03																			.08
MUSCLE SHOALS CAA A	6	.03						.02								.05											
NEW BROCKTON		.01	.01		.01													.01	.05								.09
PAINT ROCK							.09					.01	.01	.01													.12
PLEASANT HILL		.02	.01				.01	.01	.02	.01	.01	.01	.01	.01	.01	.01		.01			.01	.05	.03				.23
THORSBY 1 SW					.03	.03	.02	.01	.02		.02																.10
TONEY					.02	.01	.06																				.09
TRAFFORD				.01	.01		.02	.01	.01						.02	.01											.09
TROY				.01	.01	.01		.03	.02		.01																.09
TUSCALOOSA CAA APT	6							.33						.08						.04							
UNIVERSITY			.05		.06	.06	.11		.03		.01	.01	.01		.01	.01		.01									.37
VERNON		.05	.08	.07	.09	.05	.05		.04	.02	.01	.03	.01	.01	.01		.01										.53
WIDOWS CREEK STM PLT																											
-2d-																											
ASHLAND	//							.01	.01		.01																.10
EUTAW LOCK NO 7																											.03
LAY DAM																.01	.02	.01									.04
MOBILE WB AIRPORT	6	.01																									
UNIVERSITY													.02														.02
-3d-																											
ABBEVILLE																									.06		.06
ASHLAND	//																.01		.01	.01	.01	.02					.06
ATMORE STATE FARM																		.14	.31	.30	.10	.01	.07	.09			1.02
BELGREEN											.05																.05
CAMPBELL																	.22	.14	.01								.37
DOTHAN CAA AIRPORT																								.03	.12		.15
EVERGREEN CAA APT	6																			.61							
FORT MORGAN	//															.01	.05	.45	.25	.20	.33	.23	.16	.08	.01		1.77
GREENVILLE NO 2																				.14	.32	.14	.01	.09	.04		.74
JACKSON LOCK 1																.62	.31	.02	.01								.96
MAGNOLIA																	.05	.15	.01								.21
MIDWAY																							.01	.09			.10
MOBILE WB AIRPORT	6																		1.17								
MOBILE WB CITY																.15	.46	.22	.74	.12	.11	.11	.08	.02	.06		2.07
MONTGOMERY WB APT	6																										
MONTGOMERY WB CITY																							.17	.03	.01		.21
MUSCLE SHOALS CAA A	6													.03													
NEW BROCKTON																											
PETERMAN														.01					.60	.11	.20	.08	.01	.04	.01		1.18
PLEASANT HILL																					.03	.35	.22	.15	.43		1.18
RIVER FALLS 2 NE																				.01	.05	.03					1.06
TROY																					.43	.12	.26	.28	.18		1.27
																					.60	.22	.20	.32			1.34
-4th-																											
ABBEVILLE		.18	.31	.21	.06	.02	.15	.07	.09									.02	.01	.36	.16	.20	.27	.21	.20		2.52
ADDISON										.11	.01						.01	.18	.05	.02		.01					.39
ANNISTON WB AIRPORT	6							.02																			
ASHLAND	//	.01	.02	.01										.01	.22	.04				.71							
ATMORE STATE FARM				.11	.08	.02	.01								1.75	.01	.14	.76	.06	.08	.06		.03	.01			.55
AUBURN SCS 10		.10	.10		</																						

ALABAMA
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See reference notes following Station Index.

ALABAMA
APRIL 1950

Station		A. M. Hour ending												P. M. Hour ending												Total
		1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	
ASHLAND	//			.01		.01	.06	.02																	.10	
ATMORE STATE FARM					.50	.09	.01													.04	.01				.65	
AUBURN SCS 10								.15	.10	.08															.33	
BERRY		.03		.02	.15	.05	.01																		.26	
BELAR 2 SE		.01																							.01	
BIRMINGHAM WB APT		.21	.03	.09	.07	.16	.11	.01																	.68	
BOAZ			.02	.08	.16	.04																			.30	
CAMPBELL				.01	.28	.01																			.30	
DADEVILLE NO 2							.05	.04	.01	.02															.12	
DOTHAN CAA AIRPORT							.05	.25	.25	.24															.79	
EUTAW LOCK NO 7		.02	.04	.51	.04	.01																			.62	
EVERGREEN CAA APT	6		*	*	*	*	*	.78	*	*	*	*	*			.08									.60	
FORT MORGAN	//		.05	.05	.50																				.06	
FORT PAYNE			.01	.02	.01			.02																	.06	
GARDEN CITY			.02	.01	.03	.06	.04	.01																	.17	
GREENVILLE NO 2		.05	.04	.15	.24	.28	.24	.30						.02					.03	.03			.01		1.39	
HUNTSVILLE	6	.07																							.29	
JACKSON LOCK 1		.04	.14	.11																					.05	
JACKSONVILLE					.01	.06	.03	.02																	.16	
LAY DAM					.30	.05				.01	.01														.37	
MAGNOLIA			.09	.01		.04																			.14	
MARION 1 SSE								.01	.13	.19	.09	.02													.44	
MIDWAY							.01																		.18	
MOBILE WB AIRPORT	6	.18	*	*	*	*	*	.50																	.08	
MOBILE WB CITY		.08	.07	.45	.70	*	*		.71	*	*	*	*	*		.22									1.30	
MONTGOMERY WB APT	6		*	*	*	*	*		.71	*	*	*	*	*		.22									.89	
MONTGOMERY WB CITY		.02	.01	.01	.07	.23	.27	.22	.06																.89	
MUSCLE SHOALS CAA A	6	.02																							1.00	
NEW BROCKTON						.01	.31	.47	.21				</													

HOURLY PRECIPITATION

ALABAMA
APRIL 1950

Station		A. M. Hour ending												P. M. Hour ending												Total	
		1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12		
MIDWAY							.06	.20	.11	.01	.01		.01	.02	.14	.01	.17	.01					.01	.07	.08	.91	
MOBILE WB AIRPORT	6	*	*	*	*	*		.02	*	*	*	*	*	.06	*	*	*	*	*	.08	*	*		*	*		.25
MOBILE WB CITY														.21								.02					
MONTGOMERY WB APT	6	*	*	*	*	*		.04	*	*	*	*	*	.02								*	*	*	*		1.03
MONTGOMERY WB CITY			.02	.06		.02	.18	.01					.09	.04								*	*	*	*	.28	
MOULTON								.02					.01				.02							.63	.05		
MUSCLE SHOALS CAA A	6	.18	*	*	*	*	*	.02																		.48	
PAINT ROCK			.05	.02	.13	.14	.15																			.62	
THORSBY 1 SW			.02	.02	.06	.01	.15	.01	.01		.12	.22														.28	
TONEY			.07		.05	.10	.03			.01	.02															.31	
TRAFFORD		.01	.04	.02	.12	.01	.01			.07	.01	.01		.05	.01							.01	.02	.23		.31	
TROY																										.31	
TUSCALOOSA CAA APT	6	.06	*	*	*	*	*	.05	*	*	*	*	*	.47												.43	
UNIVERSITY		.04	.04						.05	.30																.14	
VERNON		.05		.01	.02	.01	.01		.03	.01																	
-26th-																											
ABBEVILLE		.04				.01	.01	.01																		.07	
DADEVILLE NO 2		.07		.01				.04	.01																	.08	
LAY DAM																										.05	
MOBILE WB AIRPORT	6	.04																									
MONTGOMERY WB APT	6	.44																									
TRAFFORD						.02	.01	.01		.01	.01															.02	
WIDOWS CREEK STM PLT		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	.04	
-27th-																											
ABBEVILLE						.01								.05	.01			.01	.01		.02					.14	
ADDISON																										.10	
AUBURN SCS 10																						.11				.11	
BERRY																							.06	.08	.25	.36	
DOTHAN CAA AIRPORT																							.01	.02		.25	
GREENVILLE NO 2														.20	.01	.03	.94	.22	.05	.16						1.40	
MIDWAY			.01	.01	.01				.01	.01												.02	.13	.05		.28	
MONTGOMERY WB APT	6																				*	*	*	*		.34	
MONTGOMERY WB CITY									.01												.01	.08	.14	.11	.01	.08	
MOULTON																										.01	
NEW BROCKTON																		.05	.70	.03	.06		.01	.56		1.44	
TROY														.23	.02	.01		.01			.01	.22		.01		.51	
UNIVERSITY																					.32					.31	
VERNON																							.01	.09		.11	
-28th-																											
ABBEVILLE				.01	.01																					.01	
ADDISON		.01	*	*	*	*	.02	.50	.02	.18		.02	.01													.07	
ANNISTON WB AIRPORT	6		*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	.56	
ASHLAND	//					.12	.10	.80						*	*	*	*	*	*	.56						.5	
BELGREEN																										1.0	
BERRY		1.90	.96	.03					.80	*	*	*	*				.02		.02							.29	
BEXAR 2 SE														.02	.01											.0	
BIRMINGHAM WB APT			.02	.08	.07	.01	.01							.02	.11							.01		.01		.0	
BOAZ														.01	.01											.0	
DOTHAN CAA AIRPORT				.01																						.0	
EUTAW LOCK NO 7																		.04								.0	
EVERGREEN CAA APT	6	*	*	*	*	*	*	.12																		.0	
FORT PAYNE					.01	.01																				.0	
GARDEN CITY											.06		.01	.05										.05	.01	.0	
GREENVILLE NO 2																										.0	
GUNTERSVILLE REC			.01					.06	*	*	*	*	*	.68												.0	
HUNTSVILLE	6	*	*	*	*	*	*	.45	*	*	*	*	*													.0	
JACKSONVILLE																							.02	.02		.0	
LAY DAM		.02								.01								.12	.01							.1	
MAGNOLIA																	.05	.01								.0	
MARION 1 SSE						*	.30				.01	.01														.0	
MIDWAY																										.3	
MOBILE WB AIRPORT	6	*	*	*	*	*	*	.01			.01	.01														.0	
MONTGOMERY WB APT	6	.23																								.0	
MOULTON		.34	*	*	.01	.08	.18	.17	.04	.22	.17	.10	.02	.04												1.3	
MUSCLE SHOALS CAA A	6	*	*	*	*	*	*	.65	*	*	*	*	*	1.28												.0	
NEW BROCKTON					.01	.01																				.0	
PAINT ROCK			.20					.10			.12	.20	.04	.05												.7	
THORSBY 1 SW							.15											.03								.1	
TONEY		.05	*	*	*	*	*			.06	.19	.08	.12	.10	.03		.03									.6	
TRAFFORD		*	*	*	*	*	*	*	*	*	*	*	.40													.4	
TUSCALOOSA CAA APT	6													*	*	*	*	*	*	.07						.1	
VERNON		.01		.03	.03	.02								.01	.03											.0	
WIDOWS CREEK STM PLT																										.0	
-29th-																											
ADDISON									.03	.01	.02	.08	.01													.1	
ATMORE STATE FARM									.09	.01																.7	
BELGREEN																										.1	
BEXAR 2 SE		.01								.01	.01	.13	.02													.1	
BIRMINGHAM WB APT								.02	.01	.01	.01	.13	.15													.1	
CAMPBELL								.09	.06	.01	.02	.02	.01				.12	.01								.1	
EUTAW LOCK NO 7								.03	.03	.01	.01	.01	.01				.02	.07	.02							.1	
EVERGREEN CAA APT	6	*	*	*	*	*	*	*	*	*	*	*	*	.05	*	*	*	*	*	.03						.0	
FLAT ROCK										.06																.0	
FORT MORGAN	//	.02	.01	.01									.04	.01	.02	.01		.12	.16	.02						.0	
GREENVILLE NO 2																										.1	
GUNTERSVILLE REC																											

HOURLY PRECIPITATION

ALABAMA
APRIL 1950

Table 4--Continued

Station	A. M. Hour ending												P. M. Hour ending												Total
	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	
-30th-																									
ADDISON							.03	.23	.33		.02	.01	.02	.01			.01	.03	.01		.05	.01	.04	.01	.8
ANNISTON WB AIRPORT	6																								
ASHLAND	//																								
AUBURN SCS 10																									
BELGREEN							.12	.31	.21		.02	.04	.05	.04	.50	.13		.01	.01					.09	.09
BERRY									.02		.01	.03				.03		.01	.03	.05	.01	.02	.01		.83
BEKAR 2 SE					.01	.05	.20	.03			.03	.01		.02	.01	.05	.03	.01							.84
BIRMINGHAM WB APT														.01	.01										.18
BOAZ													.01	.06	.01	.01									.45
CAMPBELL					.01	.16	.04	.03	.06		.03	.01		.01										.08	.09
DADEVILLE NO 2														.12	.30	.01						.01	.02		.38
EUTAW LOCK NO 7							.01	.01	.03		.08	.01					.06	.01	.02						.46
EVERGREEN CAA APT	6													.63				.01	.02	.02			.01		.26
FLAT ROCK							.02	.04																	
PORT PAYNE																	.01								.11
GARDEN CITY		.02	.05				.05				.01		.01		.02		.01	.01							.03
GREENVILLE NO 2											.05	.23	.12	.06	.02		.01								.14
GUNTERSVILLE REC									.06		.02											.02			.49
HALEYVILLE		.01		.01			.01	.01	.17	.02	.04	.02	.01	.03	.04	.03	.01	.01	.03	.01		.01	.02		.10
HUNTSVILLE	6														.12	*	*	*	*	.01	.01				.50
JACKSON LOCK 1					.01	.03	.01	.10									*	*	*	.06					.15
JACKSONVILLE					.01	.04																			.06
MAGNOLIA																									.15
MARION 1 SSE									.02	.02	.15	.01		.01	.01		.01	.01		.20	1.67	1.30			3.41
MIDWAY			.01				.05															.04	.11		.31
MOBILE WB AIRPORT	6													.15	.15	.01									
MONTGOMERY WB APT	6							*	*	*	*	*	*	.02	*	*	*	*	*	.03					
MONTGOMERY WB CITY														.14	*	*	*	*	*						
MOULTON														.06	.06	.01									.15
MUSCLE SHOALS CAA A	6	*	*	*	*	*	.09	*	*	*	*	*	*	.56	.02	.03	.01	*	*	.29			.02		.70
PAINT ROCK														.09	*	*	*	*	*	.28					
PETERMAN									.06		.27	.01						.01	.01				.01	.23	.35
PLEASANT HILL																									.34
RIVER FALLS 2 NE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
TONEY																									
TRAFFORD										.04		.03		.07	.08		.03		.01	.18	.05				.45
TROY											.03			.01	.01					.01	.02	.01			.13
TUSCALOOSA CAA APT	6							*	*	*	*	*	*	.07	*	1.65	*	*	*	.44					1.65
UNIVERSITY							.03	.02	.01		.02	.01	.01		*	*	*	*	.28				.01		.51
VERNON														.01	.01		.11	.05	.01	.07					.48
WIDOWS CREEK STM PLT					.08				.06	.06	.05	.01	.02			.04			.01					.02	.14

DAILY TEMPERATURES

ALABAMA
APRIL 1950

Table 5

Station		Day of month																															Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
ALBERTVILLE 1 S	MAX MIN	60 44	71 53	78 57	72 58	72 35	58 31	58 27	55 31	62 40	65 47	68 43	70 39	65 55	66 59	58 58	62 62	71 73	73 71	77 74	74 69	79 80	80 52	79 54	78 62	80 50	82 49	78 62	81 59	78 61	69.3 46.7		
ALEXANDER CTY 6 NE	MAX MIN	58 45	75 52	81 61	77 48	64 52	55 31	65 25	74 30	77 38	78 41	74 60	70 41	65 42	58 31	62 34	71 34	73 48	71 52	77 49	74 62	79 36	80 50	82 47	78 63	80 58	84 53	85 58	76 65	79 57	73.1 45.7		
ANDALUSIA	MAX MIN	62 48	66 52	79 53	80 61	81 46	61 37	56 32	65 42	73 78	78 52	79 58	73 44	73 51	66 40	59 36	64 37	72 43	75 53	76 55	78 43	71 48	73 51	81 60	84 64	80 62	81 67	85 64	84 64	86 64	74.2 51.0		
ANNISTON WB AIRPORT	MAX MIN	53 46	73 51	80 52	74 46	56 39	51 35	63 29	72 32	78 40	79 45	72 54	66 44	54 36	56 29	60 32	72 30	73 39	70 51	78 50	67 39	75 40	84 51	83 48	77 64	78 55	85 50	82 55	77 58	76 59	71.0 44.3		
ATMORE STATE ARM	MAX MIN	65 49	76 52	81 56	80 62	67 44	60 36	66 34	75 60	78 45	80 51	77 61	73 45	72 55	60 41	65 37	73 40	75 48	80 57	80 55	84 74	81 49	83 51	82 59	80 64	85 84	84 62	84 63	85 62	85 59	76.1 51.5		
AUBURN	MAX MIN	61 39	57 45	74 56	79 49	71 56	57 32	52 29	61 33	70 40	75 43	76 55	71 41	68 43	60 31	58 33	61 33	69 71	71 50	69 49	77 42	69 47	69 41	78 78	81 80	72 78	78 85	81 55	83 58	74 59	70.0 44.7		
BAY MINETTE	MAX MIN	60 48	76 53	80 59	79 66	63 45	58 38	65 36	73 44	76 45	78 50	72 59	73 45	64 53	60 41	65 36	73 42	75 48	80 55	80 52	72 54	80 46	81 50	78 60	84 65	82 60	85 68	81 65	78 63	74 59	74.3 52.1		
BELLE MINA 2 N	MAX MIN	60 44	74 48	77 58	77 59	63 35	53 31	61 29	74 34	76 52	77 58	71 36	68 28	62 26	54 20	60 71	70 71	71 47	72 67	67 30	70 40	84 55	90 62	81 75	75 89	85 85	82 82	74 74	63	72.2 44.0			
BIRMINGHAM WB APT	MAX MIN	56 45	75 55	81 57	76 45	58 38	52 33	64 27	73 35	79 43	80 54	71 41	68 35	54 29	55 31	60 32	72 32	71 53	77 41	66 34	69 51	79 58	84 60	81 64	78 53	78 52	84 61	80 64	78 61	72 61	71.5 46.7		
BIRMINGHAM WB CITY	MAX MIN	59 45	76 53	81 57	78 52	60 37	56 32	66 31	75 41	79 50	80 54	75 54	71 41	63 40	60 29	64 31	74 38	72 52	71 53	79 58	72 44	79 39	85 52	81 56	80 59	84 64	85 53	81 58	78 64	74 61	73.5 48.6		
BREWTON 3 SSE	MAX MIN	63 46	77 50	82 51	79 57	63 46	60 36	66 25	74 37	76 49	79 54	73 43	74 51	60 42	65 31	73 31	75 39	77 55	80 51	78 55	75 42	81 44	80 52	82 64	84 60	83 64	82 61	83 63	78 59	75.1 47.5			
CAMDEN	MAX MIN	61 47	77 49	82 56	79 61	67 42	53 34	64 31	74 40	78 47	78 51	73 59	69 44	64 47	59 36	73 36	73 46	76 46	79 57	76 43	82 82	83 84	84 55	81 61	85 65	81 61	80 64	78 64	74	74.3 50.2			
CAMP HILL 2 NW	MAX MIN	62 45	75 47	80 50	78 55	60 40	53 30	64 28	73 32	75 41	77 44	78 55	68 42	63 41	60 31	61 34	70 32	72 45	71 50	67 48	67 33	79 39	80 46	81 50	76 52	75 52	79 52	83 50	74 58	80 61	71.8 44.4		
CENTREVILLE	MAX MIN	58 50	78 56	82 58	79 41	60 32	56 30	60 22	72 36	79 40	81 50	73 60	72 42	62 46	58 34	61 32	72 33	72 50	82 57	76 58	70 40	81 45	83 85	85 68	83 83	87 63	86 65	78 65	75 62	73.9 49.4			
CHATOM	MAX MIN	61 48	78 47	81 57	77 60	63 43	60 31	67 28	74 37	77 48	78 42	70 58	75 37	64 50	62 36	65 30	74 30	72 45	75 56	80 51	73 42	76 45	82 53	84 55	81 59	84 62	86 63	83 63	79 54	75.1 47.1			
CITRONELLE	MAX MIN	62 49	76 53	77 60	79 61	63 45	59 37	66 33	74 46	75 50	79 46	70 60	71 47	68 53	61 40	63 38	73 43	71 51	76 58	79 53	76 52	76 48	80 52	82 61	76 65	82 61	82 67	82 68	77 63	73.9 52.7			
CLANTON	MAX MIN	61 34	55 46	78 52	81 57	72 39	57 34	53 29	62 36	73 42	78 48	79 52	73 41	68 45	59 31	62 32	69 34	74 45	72 51	75 53	70 47	80 36	81 45	84 54	85 60	80 56	83 56	83 60	85 61	73 57	71.5 46.2		
CORDOVA	MAX MIN	60 44	74 48	8	82 48	66 57	58 38	63 25	70 30	79 40	80 54	78 40	76 36	66 40	56 28	63 34	74 36	74 58	70 54	78 42	72 39	73 31	79 43	85 58	80 64	79 52	83 60	80 60	78 58	74.0 45.2			
DAYTON	MAX MIN	70 47	78 50	83 52	75 61	64 41	67 35	74 32	79 42	80 48	77 52	77 62	72 42	63 45	68 34	72 33	75 38	79 49	75 55	75 46	72 4	82 50	85 55	82 52	82 64	80 58	86 61	83 63	83 57	80 57	76.1 49.5		
DECATUR	MAX MIN	56 45	74 50	80 60	76 45	55 37	51 33	58 31	70 38	77 48	80 54	73 54	68 41	60 37	52 30	65 35	72 36	70 52	69 53	64 52	66 42	82 36	80 53	78 60	71 63	80 50	83 51	85 56	73 62	69.3 47.4			
DOTHAN CAA AIRPORT	MAX MIN	66 48	80 54	85 53	80 60	62 45	56 38	64 33	73 40	79 43	80 48	77 56	74 47	71 40	61 37	64 39	72 41	77 55	69 59	78 45	73 46	82 45	84 58	82 64	77 65	84 62	86 65	84 62	80 62	75.2 50.3			
EUFULA	MAX MIN	63 47	81 55	78 50	78 62	69 48	60 36	61 30	70 35	81 42	80 45	75 53	72 47	69 48	62 38	60 35	73 37	73 41	78 53	78 52	73 57	77 42	85 47	85 55	79 62	82 59	82 63	85 58	82 62	81 60	74.8 48.5		
EVERGREEN CAA APT	MAX MIN	59 47	78 43	82 49	81 48	60 42	58 34	66 30	75 36	77 39	72 44	73 46	64 42	59 43	65 39	74 35	75 31	79 40	74 56	81 43	83 43	81 37	83 41	84 44	82 52	83 64	87 58	82 65	76 56	74.5 45.9			
FAIRHOPE	MAX MIN	61 48	66 54	75 60	76 49	63 46	60 37	64 34	69 35	73 45	78 46	73 51	73 47	68 42	66 38	70 42	74 38	73 48	76 53	73 44	77 44	77 52	82 53	78 64	82 65	82 66	83 68	78 63	82 58	78 56	72.6 51.1		
FAYETTE	MAX MIN	62 42	47 57	58 59	75 63	58 32	55 27	65 30	74 31	78 39	80 51	70 52	68 35	55 40	57 28	62 28	73 44	70 50	73 51	76 37	67 30	72 44	78 53	84 55	78 63	77 65	84 68	77 63	80 59	78 56	71.3 44.1		
FORT MORGAN	MAX MIN	63 57	70 62	75 62	79 57	64 51	63 45	60 45	67 51	72 52	75 61	74 64	69 56	63 55	64 47	68 47	74 52	72 58	75 60	75 60	72 52	75 60	76 64	80 65	79 66	82 70	84 68	83 64	79 66	71.5 58.8			
FRISCO CITY	MAX MIN	65 44	65 48	76 57	80 60	79 43	58 35	65 34	73 44	77 43	79 50	72 58	74 43	63 38	59 35	65 40	74 46	73 54	75 52	79 43	71 52	75 44	81 52	80 64	82 68	84 65	85 61	82 64	83 57	73.9 50.0			
GADSDEN	MAX MIN	62 35	56 46	74 52	82 59	76 38	56 24	52 29	64 38	74 47	79 55	80 47	65 33	52 25	55 20	60 28	72 39	74 50	71 45	76 40	65 38	69 44	72 53	85 62	80 49	84 60	86 59	82 55	78 60	71.0 42.9			
GENEVA	MAX MIN	65 42	75 52	82 49	85 54	82 50	65 38	65 32	75 35	80 40	82 44	81 51	79 46	76 5																			

DAILY TEMPERATURES

ALABAMA
APRIL 1950

Table S-Continued

Station	Day of month																															Average
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
LOCKHART	MAX	62	67	78	79	78	61	55	64	72	76	76	74	71	68	59	64	72	74	70	78	71	73	79	81	79	77	85	82	85	82	73.1
	MIN	48	53	53	61	48	38	33	41	44	49	57	47	52	42	38	38	43	55	56	56	45	46	48	58	64	64	68	62	64	66	51.2
MADISON	MAX	62	55	74	79	76	55	50	61	73	78	79	66	64	51	52	58	71	75	72	70	64	69	67	83	82	77	76	85	77	74	69.2
	MIN	43	44	55	59	36	32	32	33	44	54	54	39	36	30	30	32	34	52	45	42	35	44	58	61	61	51	52	57	63	62	45.7
MARION JUNCTION 2 N	MAX	60	80	83	77	59	57	65	75	79	81	72	69	59	59	64	72	74	75	79	70	73	83	85	83	80	82	86	85	74	73	73.8
	MIN	47	47	52	57	41	34	30	36	43	48	55	40	45	32	35	35	46	54	58	46	39	45	53	52	64	59	63	59	63	56	47.8
MAXWELL FIELD	MAX	60	79	83	77	62	57	64	73	80	81	75	71	63	60	65	72	75	72	77	70	73	82	85	81	80	80	85	85	76	78	74.0
	MIN	49	49	53	50	44	37	36	41	49	50	54	45	44	38	39	40	50	53	58	52	45	48	55	57	66	62	64	61	64	60	50.4
MOBILE WB AIRPORT	MAX	62	73	76	75	63	59	65	70	73	76	73	75	64	62	66	70	72	75	80	73	76	77	78	79	78	82	80	79	82	78	73.0
	MIN	51	55	60	49	42	39	36	45	48	55	55	47	49	42	38	42	51	57	52	50	46	53	56	62	62	61	69	68	60	60	52.0
MOBILE WB CITY	MAX	62	72	74	73	64	59	64	69	70	75	73	73	64	62	65	70	72	76	79	74	74	74	74	75	80	81	78	77	83	77	72.1
	MIN	53	58	62	49	47	40	38	51	50	59	57	51	50	43	39	43	50	59	56	56	48	58	61	67	66	63	71	69	65	61	54.7
MONTGOMERY WB APT	MAX	59	78	83	76	60	56	63	73	78	81	73	70	62	59	65	72	75	71	76	70	72	82	84	82	81	80	85	83	78	78	73.5
	MIN	47	50	50	48	43	35	31	37	43	46	53	44	41	36	37	36	46	52	56	47	40	44	54	53	62	60	63	60	61	58	47.8
MONTGOMERY WB CITY	MAX	58	77	82	75	60	55	63	72	78	79	73	71	61	59	63	70	73	70	76	70	72	81	84	80	80	80	84	84	75	77	72.7
	MIN	47	53	55	49	45	37	37	42	50	52	56	48	44	38	40	41	51	51	58	53	45	50	56	56	64	62	62	61	65	63	51.0
MUSCLE SHOALS CAA A	MAX	60	73	75	70	54	52	62	75	78	77	66	65	49	55	60	67	70	70	67	62	69	71	83	78	75	73	84	80	78	67	68.8
	MIN	46	52	62	42	36	32	32	39	51	56	47	39	34	29	34	35	53	54	47	41	36	54	56	60	54	48	48	54	63	58	46.4
ONEONTA	MAX	63	53	74	80	75	56	52	63	71	80	82	69	65	52	55	60	72	76	70	77	65	70	72	85	81	81	78	85	80	78	70.7
	MIN	35	44	53	58	36	32	25	32	38	45	54	40	37	27	30	30	40	40	50	40	32	43	50	56	61	52	47	58	58	59	43.4
OZARK	MAX	66	79	84	77	72	58	63	74	79	79	78	70	68	61	63	72	77	79	78	75	71	82	83	82	80	84	83	85	80	82	75.5
	MIN	45	53	51	61	48	36	34	43	44	49	56	47	51	39	37	39	44	55	57	56	45	47	50	60	64	62	67	60	62	61	50.8
PRATTVILLE	MAX	58	77	82	76	64	55	65	73	79	80	76	71	62	59	64	73	74	71	78	70	72	81	85	82	79	81	85	84	75	78	73.6
	MIN	47	48	50	62	43	33	31	36	43	46	60	42	48	37	38	38	44	52	57	51	40	42	51	52	65	60	59	59	62	57	48.4
PUSHMATAHA	MAX	65	82	82	74	60	58	65	75	77	80	73	71	61	59	63	71	65	75	78	69	72	84	84	81	81	81	81	85	82	77	73.3
	MIN	42	50	50	51	41	35	30	35	40	53	57	40	47	34	34	32	47	54	51	46	38	51	56	58	65	57	60	62	66	47.7	
ROBERTSDALE 7 E	MAX	64	74	77	77	69	59	65	71	70	78	72	75	71	63	67	70	73	81	80	77	73	78	78	78	79	82	81	78	82	79	74.0
	MIN	48	53	59	61	46	38	35	44	43	50	54	45	52	43	36	40	51	53	54	43	47	50	58	61	68	65	67	60	57	50.7	
ROCK MILLS	MAX	62	75	81	80	78	56	66	71	79	79	78	75	69	61	64	74	75	72	80	75	74	80	81	84	84	85	85	85	85	80	78.8
	MIN	45	52	54	62	41	33	26	30	37	40	60	40	40	30	33	30	35	52	45	48	33	36	51	53	61	58	51	58	54	54	44.7
SAINT BERNARD	MAX	60	52	73	78	72	54	50	62	73	78	80	67	63	51	52	57	70	71	71	75	64	70	69	84	79	78	76	85	79	75	68.9
	MIN	43	43	54	59	36	33	26	32	37	41	52	37	37	28	30	30	43	49	48	39	30										

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U. S. DEPARTMENT OF COMMERCE

CHARLES SAWYER, Secretary

WEATHER BUREAU

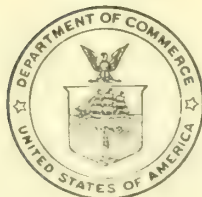
F. W. REICHELDERFER, Chief

CLIMATOLOGICAL DATA

ALABAMA

MAY 1950

Volume LVI No. 5



A. R. Long, Section Director - Montgomery

Weather Summary

Temperatures this May ran moderately above normal, except for a few brief periods. There were no unusual extremes, but day-time temperatures were unusually low in the northeast on the 21st. The first half month was nearly as warm as the last half.

Rainfall was unequally apportioned among the different sections. It was light over practically all the Southern Division. In the Middle Division, monthly totals of seven or more inches were recorded at a number of stations over a strip extending from Choctaw County eastward to Autauga County, and in a few other localities, but in the southeast portion of this Division, rainfall was light. The average over the Northern Division was near normal, with some sections in the west having large amounts while rain was mostly light in the eastern Tennessee Valley area.

Showers were frequent during a period of about nine days which ended around the 3rd. There were then five or six days in which no important precipitation occurred. Beginning around the 9th and 10th, and continuing until the 21st, there were frequent scattered showers, but they were mostly light. There were, however, some heavy local accumulations. The remainder of the month was mostly fair, with a few widely scattered showers during the last four days.

Farm work progressed normally, but planting in the north was somewhat late, due to the wet soil during the spring plowing season. In this section, cotton planting was nearly completed by the middle of the month. The planting of corn in the north, and peanuts in the commercial area, was mostly finished by the end of the third week, and some early corn in the south was being laid by at this time. Harvesting of lupine seed, crimson clover seed, and oats, was in progress in the southern and central areas, potato digging near the coast was nearing completion, and cucumbers and sweet corn were being shipped from Baldwin County, during the last week.

Crops made good growth, and pastures were good. Boll weevils in large numbers made an early appearance in cotton.

LOCAL STORMS

On the afternoon of the 14th, a hailstorm in Pickens and Tuscaloosa Counties moved eastward from Ethelville to Peterson, along a 40-mile path about two miles wide. It was recorded at Reform in upper Pickens County from 4:20 p. m. until 4:50 p. m. Stones up to the size of "ice cubes" were reported at Reform, where a large portion of the property damage was done. Property damage was about \$50,000 of which about \$42,500 was by hail, \$7,000 by wind, and \$500 by lightning. Damage to crops was about \$500,000.

On the same day a hailstorm moved eastward from Maxwell Field to Mount Meigs, in a path about a mile wide and 10 miles long, passing over north Montgomery. Hail fell in Montgomery from 8:30 p. m. until 8:48 p. m. A few stones were reported up to the size of eggs. Property damage was about \$500. Damage to crops, mostly crimson clover, was about \$30,000.

Hail occurring in Russell County in the late afternoon of the 14th, caused slight damage to an airplane. Stones in this storm were 1/2 inch to 3/4 inch in diameter.

Lightning killed a 10-year old boy at Mathews Station, about 30 miles south of Montgomery, on the afternoon of the 14th.

At Midway, in Bullock County, at 5:00-5:20 p. m. on the 30th, a thundersquall damaged two barns to the extent of about \$200. Only an area about 100 yards wide by about 300 yards long was affected.

F.C.P.

ACKNOWLEDGMENTS

In addition to the climatological data from some 6,000 Weather Bureau and cooperative weather stations, this bulletin series contains records from Hydroclimatic Network Stations which were formerly reproduced in the Hydrologic Bulletin Series. The Hydroclimatic Network is a nationwide net of rain gages--mostly of the recording type which produce continuous records of precipitation. It was established in 1939 at the request of the Corps of Engineers, Department of the Army, to supplement existing precipitation stations in order to provide records of rainfall intensity which were essential to the planning of flood control and related works by the Corps of Engineers. This Network, now numbering about 2,000 recording, and 1,000 non-recording rain gages, has been maintained by the Weather Bureau through working funds transferred annually to the Weather Bureau by the Corps of Engineers. These transfers averaged about \$250,000 per year between 1940 and 1944, and nearly \$375,000 since that date. For the years 1940-42, the Department of Agriculture transferred about \$100,000 per year to provide data required in its work, and since 1947 the Bureau of Reclamation has transferred about \$25,000 per year to meet the increasing needs of their program in the Western States.

Previous to the introduction of this bulletin series, data from Hydroclimatic Network stations were presented in bulletins (Hydrologic Bulletins) which were issued monthly for each of 8 drainage areas embracing the entire United States, but since the Network was established to meet the internal requirements of the Federal agencies referred to above, no provision was made for public dissemination of the data, distribution being limited to cooperating agencies and to certain public repositories. A list of locations where reference copies of the Hydrologic Bulletin Series are available for inspection may be obtained upon application to Chief, U.S. Weather Bureau, Washington 25, D.C.

Many other records published in this bulletin have been made available through the cooperation of various public offices, private agencies, and individuals as listed in the Station Index.

SUPPLEMENTAL DATA

ALABAMA
MAY 1950

Station	Wind direction		Wind speed m p h				Relative humidity averages - percent				Number of days with precipitation							Percent of possible sunshine	Average sky cover sun to sunset	Degree days 65 base
	Prevailing	Percent of time from prevailing	Average	Fastest mile	Direction of fastest mile	Date of fastest mile	12:30 a CST	6:30 a CST	12:30 p CST	6:30 p CST	Trace	01-09	10-49	50-99	100-199	200 and over	Total			
NNISTON WB AP	E	17	5.6	-	-	-	-	-	-	-	4	2	5	1	1		13	-	-	-
BIRMINGHAM WB AP	SSW	12	6.5	47	W	2	87	88	56	62	3	4	3		1	1	12	69	6.9	0
MOBILE WB CITY	S†	19†	8.8†	47	SW	15	91†	90†	58†	75†	4	3	1	2	1		11	62	5.6	0
MONTGOMERY WB CITY	SSW†	11†	5.6†	26	W	1	87†	87†	52†	66†	1	4	3	3	1		12	72	6.1	0

† AIRPORT DATA

COMPARATIVE DATA

Table 1

Year	Temperature			Precipitation		Year	Temperature			Precipitation		Year	Temperature			Precipitation	
	Average	Highest	Lowest	Average	No. of days .01 or more		Average	Highest	Lowest	Average	No. of days .01 or more		Average	Highest	Lowest	Average	No. of days .01 or more
1884	73.2	98	41	2.50	7	1909	68.9	93	30	6.59	10	1934	72.2	97	40	3.91	8
1885	69.9	96	34	5.86	11	1910	68.9	98	34	3.86	8	1935	73.1	96	40	4.39	7
1886	71.5	95	38	3.48	6	1911	72.9	102	35	2.85	5	1936	73.6	97	43	1.91	5
1887	74.0	99	40	2.81	10	1912	72.0	103	38	3.60	7	1937	72.9	101	40	4.30	8
1888	70.8	96	35	4.12	10	1913	71.6	98	41	3.14	6	1938	72.9	99	42	3.48	8
1889	69.5	95	37	1.66	4	1914	71.8	104	40	1.04	3	1939	71.0	93	36	5.48	13
1890	70.1	95	34	5.17	8	1915	74.5	100	42	6.34	8	1940	69.0	97	34	3.45	7
1891	69.6	99	36	2.10	6	1916	73.5	102	40	4.31	7	1941	73.5	100	33	0.66	3
1892	71.1	100	36	3.27	7	1917	66.2	97	33	2.37	5	1942	71.4	97	38	3.40	6
1893	71.0	96	38	7.33	10	1918	72.9	100	35	2.51	4	1943	74.3	97	40	3.74	6
1894	72.0	102	34	2.37	6	1919	69.2	93	40	6.07	13	1944	73.2	98	31	2.89	6
1895	70.1	98	37	3.89	10	1920	70.7	97	41	4.92	11	1945	69.5	100	31	2.29	8
1896	76.0	100	49	3.45	6	1921	70.7	98	37	1.98	5	1946	70.9	92	37	7.47	12
1897	68.9	97	32	1.51	4	1922	72.0	99	45	6.70	14	1947	70.5	93	33	5.83	10
1898	73.7	101	33	0.89	3	1923	69.5	94	31	8.61	15	1948	72.4	99	39	3.18	6
1899	76.1	100	48	2.01	4	1924	67.9	94	36	4.22	9	1949	72.9	98	45	4.07	
1900	71.5	97	38	2.62	6	1925	70.3	99	33	2.33	5	1950	74.4	97	50	4.04	
1901	70.3	99	40	5.08	8	1926	70.4	99	39	2.99	6	Period 71.4					3.95
1902	75.6	100	42	2.63	6	1927	73.1	99	38	2.55	6						
1903	69.7	98	34	6.07	10	1928	69.5	99	38	3.66	8						
1904	69.9	99	37	2.95	6	1929	71.3	96	37	5.86	11						
1905	74.7	99	44	5.37	11	1930	72.8	95	40	3.82	7						
1906	70.0	97	31	4.82	9	1931	68.5	96	38	3.32	8						
1907	68.4	92	37	7.78	12	1932	70.0	92	40	5.17	9						
1908	71.7	98	30	5.26	8	1933	76.1	100	45	2.41	5						

CLIMATOLOGICAL DATA

ALABAMA
MAY 1950

Table 2

Station	Temperature								Precipitation									
	Average	Departure from Normal	Highest	Date	Lowest	Date	No. of Days		Total	Departure from Normal	Greatest Day	Date	Snow, Sleet, Hail			No. of Days		
							Max. 90° or above	Min. 32° or below					Total	Max. Depth on Ground	Date	.01 or more	.25 or more	1.00 or more
NORTHERN DIVISION																		
ALBERTVILLE 1 S	71.9M	3.0	90	26	51	31	1	0	4.42	.21	1.35	14	0.0			9	6	1
ANNISTON WB AIRPORT	72.9		92	25+	55	15+	5	0	3.59	.32	1.59	2	0.0			9	4	1
BELLE MINA 2 N	72.7		92	27	53	16	5	0	4.06		1.45	14	0.0			10	4	2
BIRMINGHAM WB APT	73.6	4.3	91	26	55	16	3	0	4.55	.60	2.09	19	0.0			9	3	2
BIRMINGHAM WB CITY	75.2	4.1	93	26+	57	16	8	0	4.13	.18	1.26	2	0.0			12	5	1
CORDOVA	74.2	4.6	93	27	55	16+	6	0	4.53	.55	1.90	20	0.0			8	6	1
DECATUR	72.6	2.6	90	26	57	3+	1	0	4.49	.66	1.66	14	0.0			15	4	1
FAYETTE	72.7		93	27	54	16	5	0	3.60		1.21	20	0.0			13	5	1
GADSDEN	72.5	2.6	94	26+	54	16+	8	0	3.36	.75	.79	3	0.0			13	6	0
GOODWATER	73.4	2.8	92	28	55	16	4	0	4.82	1.11	1.88	3	0.0			10	5	1
HALEYVILLE	71.5		88	26	55	1+	0	0	4.29		1.08	13	0.0			13	6	1
HUNTSVILLE	71.7		92	27+	55	16	4	0	1.20	- 2.79	.39	19	0.0			7	2	0
LINCOLN	73.0		93	26	54	16	8	0	3.52		1.30	2	0.0			9	3	1
MADISON	73.4	4.0	91	27	57	15+	3	0	3.42	-.57	.86	14	0.0			11	7	0
MUSCLE SHOALS CAA APT	72.4	3.2	90	24+	54	1	4	0	3.62	-.63	.66	12	T			12	6	0
ONEONTA	72.7	4.2	92	26+	53	16	5	0	5.25	.81	1.90	20	0.0			7		
ROCK MILLS	73.9		95	26+	54	16+	9	0	4.13		.97	3	0.0			10	5	0
SAINT BERNARD	71.7	3.8	91	27	52	31	4	0	3.79	-.70	1.40	13	0.0			10	6	1
SAND MTN STA FRM AP	70.3		88	26	53	16	0	0	2.99		.55	11	0.0			13	0	0
SCOTTSBORO	72.0	3.9	93	26	55	17	4	0	4.14	.16	.68	14	0.0			15	6	0
TALLADEGA	73.5	2.9	92	27	55	16	4	0	3.72	-.18	.85	2	0.0			12	4	0
TUSCALOOSA CAA APT	75.6	3.8	95	27	56	16	11	0	6.14	2.00	2.26	2	T			11	5	2
UNIVERSITY	75.1	3.3	93	26	58	16	6	0	5.30	1.16	2.16	2	0.0			10	5	2
VALLEY HEAD	69.7	2.5	90	25+	50	16	2	0					0.0					
DIVISION	72.8								4.05									
MIDDLE DIVISION																		
ALEXANDER CITY 6 NE	73.4		93	27	54	16+	5	0	3.07		1.25	2	0.0			7	4	1
AUBURN	73.0	1.4	91	27+	54	16	5	0	2.83	-.71	.90	3	0.0			11		0
CAMDEN	75.8		93	29	59	16	8	0	3.20		.85	2	0.0			9	5	0
CAMP HILL 2 NW	72.6M		91	27	54	16	3	0	4.48		1.82	19	0.0			8	5	1
CENTREVILLE	77.5	7.0	95	28	62	16+	12	0	7.76	3.69	2.43	20	0.0			8	5	4
CLANTON	74.5	3.8	93	27+	56	16	5	0	5.18	1.34	1.53	3	0.0			11	6	2
DAYTON	76.0		92	26+	58	16	8	0	7.22		2.21	1	0.0			8	6	3
EUFULA	75.5	2.8	95	26	57	18	11	0	5.64	2.02	1.88	31	T			6	5	3
GREENSBORO	75.5	3.4	93	26+	59	16	7	0	5.23	.79	1.64	20	0.0			11	5	2
GREENVILLE	76.8M	3.5	93	27+	57	18	9	0	1.89				0.0					
HIGHLAND HOME	75.0	2.5	92	27+	58	18	7	0	3.72	.13	1.55	14	0.0			8	5	1
LA FAYETTE	73.4		91	26	57	16	5	0	3.17		1.79	19	0.0			8	3	1
LIVINGSTON	75.1	3.1	93	26	58	16	5	0	5.36	1.72	2.14	1	0.0			9	5	2
MARION JUNCTION 2 N	75.0		92	27	57	16	6	0	6.28		1.87	20	0.0			9	6	2
MAXWELL FIELD	77.3		93	8+	61	16	13	0	4.72		1.52	19	T			8	5	1
MONTGOMERY WB APT	75.7		93	27	60	18	9	0	2.85		.84	19	0.0			9	4	0
MONTGOMERY WB CITY	76.2	2.8	93	27	60	16	6	0	3.72	-.12	1.14	19	T			11	4	1
PRATTVILLE	75.3	4.4	94	27	58	16	7	0	6.56	3.23	1.95	19	0.0			12	6	3
PUSHMATAHA	74.2	2.4	91	27+	58	16	4	0	6.05	1.62	2.31	2	0.0			10	6	2
SELMA	76.4	3.5	94	27	59	16	13	0	8.38	4.65	2.26	20	T			9	8	4
THOMASVILLE	75.5	2.9	92	26+	58	15	4	0	2.90	- 1.36	1.26	2	0.0			6	3	2
TROY	76.1	3.0	94	27+	58	18	9	0	6.41	2.82	2.17	31	0.0			6	5	3
TUSKEGEE	75.1	2.7	94	28	58	18	5	0	2.49	-.43	.94	1	0.0			11	3	0
UNION SPRINGS	75.9	2.9	95	27	58	16+	9	0	2.54	- 1.00	.67	2	0.0			6	4	0
WETUMPKA	75.7	3.1	93	26+	59	16	7	0	3.02	-.53	1.23	20	0.0			9	3	1
DIVISION	75.3								4.59									
SOUTHERN DIVISION																		
ANDALUSIA	76.1		93	9+	57	18	12	0	2.97		1.34	14	T			8	3	1
ATMORE STATE FARM	77.4		95	26+	59	16	18	0	1.83		.75	22	0.0			4	3	0
BAY MINETTE	76.3	3.0	94	27	57	16	7	0	1.88	- 2.79	.90	14	0.0			5	3	0
BREWTON 3 SSE	74.8	2.4	93	25+	52	16	12	0	2.18	- 1.97	1.02	15	0.0			5	3	1
CHATOM	75.0		94	27	54	16	12	0	2.64		.85	13	0.0			8	5	0
CITRONELLE	76.3	2.7	91	27+	59	16	4	0	3.21	- 1.65	1.42	14	0.0			8	3	1
DOTHAN CAA AIRPORT	77.2		97	26	58	18	20	0	2.22	-.96	1.08	15	0.0			7	2	1
EVERGREEN CAA APT	75.0	2.1	94	26	55	18	13	0	1.40	- 3.72	.70	21	0.0			7	3	0
FAIRHOPE	75.6	2.6	92	26	56	16	5	0	1.83	- 2.85	.75	21	0.0			5	3	0
FORT MORGAN	77.5		89	26	62	15	0	0	3.05		1.34	14	0.0			7		
FRISCO CITY	75.8		95	28	56	1	10	0	1.82		.56	1	0.0			9	1	0
GENEVA	76.4		96	27	55	18	17	0	3.50		1.08	21	0.0			7	5	1
HEADLAND	77.0		95	27	60	11+	13	0	1.45		1.00	15	T			3	2	1
LOCKHART	75.9		93	28+	58	18	6	0	3.08		1.61	15	0.0			4	3	1
MOBILE WB AIRPORT	76.1		92	26+	58	16	4	0	4.71		2.28	20	T			7	4	1
MOBILE WB CITY	77.3	2.9	92	26+	60	16	6	0	3.05	- 1.27	1.49	14	0.0			7	3	1
OZARK	76.4	2.9	94	28	58	18	15	0	5.81	2.38	2.75	29	0.0			9	4	3
ROBERTSDALE 7 E	75.5		92	26+	57	16	3	0	4.29		2.16	20	T			5	3	2
SPRING HILL	76.7M	2.6						0	4.02	- 1.20	1.62	15	0.0			6		
DIVISION	76.2								2.89									
STATE	74.4	3.0							4.04	.09								

ALABAMA
MAY 1950

See reference notes following Station Index

Station	Day of month																															Total	
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
MARION JUNCTION	.29	1.10	.86							.30	.11	T	.03	1.22	.01				1.58	.60	.21											6.31	
MARION JUNCTION 2 N	.95	.92							.30	.04			1.17	.03					.08	1.87	.86											6.28	
MARTIN DAM	.35	.86	.18							.05			.13	.13	.18	.16				1.67		T								.25		3.96	
MAXWELL FIELD	.97	.08							T	T		.21		.80	.04			.85	1.52	T	.25							T				4.72	
MELVIN	.20	1.00	.51										.38	.67	.18	.39				.63												4.12	
MERTZ 3 E	.23	.65	.53										.75	.23	.02						1.50	.21								.08		4.20	
MIDWAY	.45	.26									.45		.83	.29	.05				.11	.09									.30		3.21	5.59	
MILLERS FERRY	.94	.72	.32																			.34										4.03	
WILSTEAD	.36	.74	.13										.10	.30	.10	T		.28											.28		T	3.01	
MITCHELL DAM	.03	1.27	1.08											.14	.10	.04			1.06	2.68		.34							.40			7.15	
MOBILE WB AIRPORT	T											T	.13	.71	.92					2.28	.55	.01								.11		4.71	
MOBILE WB CITY	.03											T	.03	1.49	.60					.10	.77	T	T						.03	T		3.05	
MONTE SANO	.34	.27	.14							.05	.10		.35	.46	.20																	90	3.82
MONTEVALLO	.96		1.24										.10	1.42						1.05	.92	.48									.75	6.92	
MONTGOMERY WB APT	.82	.06								T	T		.57	.11	.08	T			.84	.04	.29												2.85
MONTGOMERY WB CITY	.67	.04								.01			.18	.09	.61	.56		.16		1.14	.03	.23								T		3.72	
MOULTON		.15								.32			1.99	3.18	.71			*		.30	.28						.08		.12	.03		7.37	
MUSCLE SHOALS CAA A	.07	.06				T				.04		.06	.66	.62	.56	.16			.35		.05						.61			.38		6.02	
NEW BROCKTON																																1.67	
NEWBURG	.72	.24	.17					.04	.13			.06	*	1.44	2.80	.10	.02				.55	.38		.06							.35	6.53	
NEW MARKET	.06	.25	.18						.43	.40				.97	.27	.06	.03															.41	3.55
NEWTON																																2.07	
ONEONTA	*		1.55										.02		.88																	60	5.25
ORRVILLE		1.03	.33										.72	.15		.04					*	2.03							.30			5.92	
OZARK	.07								.02	T	.02			.47	1.05	.15				T	1.10	.18								2.75		5.81	
PAINT ROCK	R	.12	.13									.03	.51	.27	.62				.51		.08							.04			.01		2.32
PALMERDALE			.20	1.68											.24	.74			.94													3.78	
PENNINGTON LOCK 2		.42	2.45	.93									.60	.40			.46			.45	.35	1.02										7.08	
PERRYVILLE			2.15	1.22										1.33				1.78		.73												7.21	
PETERMAN	R	.56	.02			.03							.15		.25		.17		.03	.15	.47											1.83	
PICKENSVILLE			.50	3.00								.21	.11	.20						.11										.29	.13	4.55	
PINE HILL		2.01		1.02													.65															2.93	
PINE LEVEL		.45		.15								.22		1.04								.50										4.87	
PLANTERSVILLE		.10	.52	1.10										.10				.35		1.70	.10	.90										4.62	
PLEASANT GROVE SCH		.27		.16				.58	.08			.02	.84	.05	.25			.02												.65		1.70	
PLEASANT HILL	R																																
PRATTVILLE		.12	1.30							.07		.09	.05	.04	1.57	.37	.17		1.95	.38	.45											6.56	
PRIMROSE FARM		*	*	1.04								.29	.15	.16	.05				.99													2.68	
PUSHMATAHA		.64	2.31	1.28						.10		.32	.74	.33							.09	.05	.21									6.05	
RED BAY		.18	.27	.08				.27				.12	.24	1.58	.78				.51													4.86	
REFORM		*	.93	1.34							.49		.37	1.15						.47													
RIVER FALLS	T												.12	.42	.63					.13	.06											4.88	
RIVER FALLS 2 NE	R												.25	.54						.14	.04							.37				1.73	
ROBERTSDALE 7 E		.02												1.40		.22				2.16												4.29	
ROCK MILLS		.65	.44	.97						.04			.21	.13	.12				.84										.03			70	4.13
SAINT BERNARD		.50	.16	.30	.03						.11		1.40	.47	.48				.02	.22													
SAND MTN STA FRM AP		*	.55	.46							.55	.30	.13	.26	.08				.18	.18	.13									.03	.14	T	2.99
SAYRE		.33	.08	.45								.07	.07	.09																		2.22	
SCOTTSBORO		.16	.67	.03							.03	.08	.60		.68	.08			.37	.21	.22								.03	.43	.33	2.0	
SCOTTSBORO SUBSTA		.21	.24	.45						.03	.06		.46	.24	.46	.22			.37	.16	.34								.10	.21	.60	4.15	
SELMA		.28	1.79	.45							.02		T	1.10	.41		T		2.26	1.60	.47								*	.92		8.38	
SHEPHERD TVA NRSY		1.10	.02	.11				.12				.27	*	1.12	.36				.36					.06							.54	4.88	
SHOEMAKER SPRINGS		.53	.05	.72							.10	.14	.16	1.31	.42	.48			.30													3.49	
SLOCUMB								.23						1.98	.71				.58				1.00									4.50	
SNOW HILL		.21	1.21							.27		.25	.13	.05					.32				.40									2.84	
SOUTH HILL		.02	.07	.95							.21		.54	.10	.38				.52		.08								.36		.05	3.28	
SPRING HILL		.30											.41	1.62	.63			*			1.06			T						T		4.02	
SUTTLE			1.42	1.21						.40			.86					.48	2.80	.96	.08											8.21	
SWAIN		.07	.28	.11	.04			1.20		.06		.16	.75	.34	.07			.29	.73	1.28	.38	.04									.12	1.44	
SYLACAUGA	*		.87	1.25																											.14	6.60	
SYLVANIA		.03		.77							.10		.51	.28	.16	.08					.15									.19	.22	3.03	
TALLADEGA		.22	.85	.67									.51	.15	.06	.14	.01		.82	.20	.01									.08		3.72	
TALLADEGA HRN MT TR		.55	.55						T	.04		.80	.30	.10	.01				.29	1.75				.07						.19		4.58	
THOMASVILLE			1.26	.26										1.02	.22				.20	.05												2.90	
THORSBY 1 SW	R	1.48	1.64	.03						.22	.04	.35	.20					.85	.03	.42	*										.19	.01	5.46
THURLOW DAM			.77	.07									.28	.12	.03	.13															.22	2.35	
TONEY	R		.18						.85		.25	.27	.41																			2.57	
TRAFFORD	Z		.09	1.01							.38		.15	.40				.40		.50								.05		.11		49	
TROY	Z	1.65		.07									.47	1.25																		2.17	
TUSCALOOSA CAA APT	T	1.53	2.26	T						.08	.04	.33	.09	.09				.77		.80								.03		.80			

A. A. B. M. S.
MAY 1950

A. M. Hour ending

P. M. Hour ending

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ALABAMA
MAY 195

Table 4-Continued

		A. M. Hour ending												P. M. Hour ending												Total
Station		1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	
MUSCLE SHOALS-CAA A	6	.04																								
-9th-																										
ABBEVILLE																					.01	.12				.1
CAMPBELL														.12	.06	.01										.1
DOTHAN CAA AIRPORT														.01	.01					.07	.01				.1	
EUTAW LOCK NO 7															.02	.01		.04	.02							.0
MONTGOMERY WB CITY																									.01	.0
-10th-																										
BERRY																										.35
BEKAR 2 SE															*	*		.18							.3	
EUTAW LOCK NO 7					.01	.01			.01												.34	.02	.01			.2
FORT PAYNE					.04	.03	.18		.01															*	*	.1
GUNTERSVILLE REC		.02			.19													.68							.1	
HALEYVILLE		.07	.01	.01	.01	.01	.01										.04	.01							.1	
HUNTSVILLE	6														*	*		*			.02				.1	
LAY DAM																				.01	.02				.07	
MOULTON		.24						.06									.02				.06	.15	.01		.3	
THORNSBY 1 SW																									.2	
TONEY				.66	.09												.10								.8	
TRAFFORD									.12	.21	.05												*	*	.3	
TUSCALOOSA CAA APT	6																					*	*	*	.4	
VERNON																								.20	.1	
WIDOWS CREEK STM PLT		.06					.01																		.1	
-11th-																										
ADDISON			.01	.01				.01																	.0	
ANNISTON WB AIRPORT	6		* * *		*	*	*	.03																	.1	
ASHLAND	//	.02	.06	.01	.01																				.1	
BERRY		.29	.01																						.3	
BOAZ				.15	.31			.01	.01		.01														.4	
FLAT ROCK								.11			.03														.1	
FORT PAYNE																		.18	.03							

See reference notes following Station index.

HOURLY PRECIPITATION

ALABAMA
MAY 1950

Table 4-Continued

Station		A. M. Hour ending												P. M. Hour ending													
		1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12		
MONTGOMERY WB APT	6													*	*	*	*	*	.09	*	*	*	*	*	*	09	
MONTGOMERY WB CITY																.01	.06			.01	.01					09	
MOULTON								.03			.04						.01	.06			.07	1.03	.53	.37	.45	.66	3 18
MUSCLE SHOALS CAA A	6	.02																									
PAINT ROCK																							.06	.08	.13	27	
PETERMAN																			.04	.01	.07	.03				15	
THORSBY 1 SW																			.02	.04	.02	.05	.01	.11	.08	.03	20
TONEY		.03	.03																							27	
TROY																					.09	.06	.29	.01	*	*	45
TUSCALOOSA CAA APT	6													*	*	*	*	*		.08	*	*	*	*	*	*	09
UNIVERSITY															.06	.01			.02							03	
VERNON																	.01	.02									
-14th-																											
ABBEVILLE													.36	.02		.01	.01										
ADDISON		.01	.01	.01		.02	.09	.01		.01			.01								.09	*	*	*	*	*	26
ANNISTON WB AIRPORT	6	.15																									
BELGREEN		.05	.10	.01						.02		.05	.02	.01					.30		.05	*	*	*	*	*	61
BERRY																							.25			25	
BEXAR 2 SE		.03	.01	.02	.01		.01						.02	.02												12	
BIRMINGHAM WB APT																										04	
BOAZ																		.35	.07	.03	.04	.06		.02		55	
CAMPBELL							.01	.01		.01			.01													03	
DOTHAN CAA AIRPORT					.02	.01				.12	.01		.08	.31	.02	.02	.01									60	
EUTAW LOCK NO 7																										02	
EVERGREEN CAA APT	6	.04	*	*	*	*	*	.03	*	*	*	*	*	*	*	*	*	*	*	*	.08						51
FLAT ROCK						.28	.02								.02			.19								1.36	
FORT MORGAN	//				.01			1.22	.13																	20	
FORT PAYNE		.05			.02	.01		.01				.01			.06							.02	.02			09	
GARDEN CITY																						.06	.06	.02	.01	10	
GREENVILLE NO 2																					.02	.01	.03	.02	.01	22	
HALEYVILLE		.03	.03		.01	.03			*	*	*	*	*	*	*	*	*	*	*	*		.12					31
HUNTSVILLE	6	.10	*	*	*	*	*	.04	*	*	*	*	*	*	*	*	*	*	*	*		.03	*	*	*	*	29
JACKSONVILLE															.09	*	*	*	*	*	*	*	*	.08	.15	.08	21
MIDWAY					.01	.01	.05											.01									
MOBILE WB AIRPORT	6	.02	*	*	*	*	*	.04	*	*	*	*	*	*	*	*	*	*	*	.04							1.49
MOBILE WB CITY						.01			1.47	.01																61	
MONTGOMERY WB APT	6	.02																								71	
MONTGOMERY WB CITY																								.39	.07	24	
MOULTON	6	.18	.13		.11	.04	.03	.18	*	*	*	.04		.01	*	*	*	*	*	.10	*	*	*	*	*	*	62
MUSCLE SHOALS CAA A		.64	*	*	*	*	*	.26	*	*	*	*	*	.01	*	*	*	*	*								25
NEW BROCKTON	6												.18	.02	.01				.03							41	
PAINT ROCK		.05	.02		.04	.06	.16	.13	.03	.08													.04	.01		79	
RIVER FALLS 2 NE																								.25		04	
TONEY		.03	.11	.10	.05	.05													.02		.03	.01		.01		16	
TROY											.07	.01														31	
TUSCALOOSA CAA APT	6	.01			.03	.01	.01														.62		.03		.01	15	
UNIVERSITY															*	*	*	*	.65	*	*	*	*	*	*	1.79	
VERNON																		.02				.01				03	
WIDOWS CREEK STM PLT		.01	.02	.07				.08			.02	.04									.01	.01					02
-15th-																											
ABBEVILLE		.53	.23			.19	.12	.02	.01					.01	.23	.01										1.10	
ADDISON								.01																		.27	
ANNISTON WB AIRPORT	6	.10			.29	.10	.01		.03																	46	
ATMORE STATE FARM			.02	.01																						10	
AUBURN SCS 10																										52	
BELGREEN		.03	.01															.04	.16	.28						01	
BIRMINGHAM WB APT																				.01							
BOAZ																										24	
CAMPBELL					.01					.02	.01													.13	.06	.01	15
DADEVILLE NO 2																				.08	.07					1.12	
DOTHAN CAA AIRPORT	6	*	*	*	.09	.61	.17	.17	.05			.03														04	
EVERGREEN CAA APT								.25																		16	
FLAT ROCK																							.04			06	
FORT MORGAN	//								.01	.05													.10			31	
FORT PAYNE																						.04	.01			15	
GARDEN CITY																										1.79	
GREENVILLE NO 2		.07	.01	*	*	*	*	.90			.03	.01							.04	.27	.01					39	
GUNTERSVILLE REC		*	*	*	*	*	*																			08	
HUNTSVILLE	6	.04			.27	.08	.03	.01																		05	
JACKSON LOCK 1																										08	
MAGNOLIA																										05	
MIDWAY		.04	*	.01	*	*	*	.16	*	*	*	*	*	.01	*	*	*	*	*	.13	*	*	*	*	*	*	
MOBILE WB AIRPORT	6																									60	
MOBILE WB CITY			.24	.02															.04	.10	.10	.10					
MONTGOMERY WB APT	6	.08																									
MONTGOMERY WB CITY							.01																.38		.17	56	
MUSCLE SHOALS CAA A	6	.17			.04	.01	.16	.22	.08		.02									.16						53	
NEW BROCKTON					.02	.03	.18	.02																		25	
PETERMAN							.52	.02																		54	
RIVER FALLS 2 NE							.15	.05																		60	
TROY		.39	.01																								
TUSCALOOSA CAA APT	6	.04																									

ALABAMA
MAY 1950

Table 4-Continued

Station	A. M. Hour ending												P. M. Hour ending												Total
	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	
AUBURN SCS 10																.05	.05	.05	10	.20	.08		.01	.04	58
BELGREEN																			01	.22	.06				29
BERRY									.01							1.00	.39	.18	.57	.25	.11				2.50
BEXAR 2 SE												.01				.01	.15	.01	.15	.01	.49	.05			.36
BIRMINGHAM WB APT			.12	.18			.01					.03				.45	.09	.02	.21	.01	.18				2.08
CAMPBELL						.01	.01													.02	.20	.12			.26
DADEVILLE NO 2														.29	.05	1.18	.36	.19	.14	.03	.03		.03		2.30
EUTAW LOCK NO 7														.01						.33	.05	.01			.40
FLAT ROCK																									.04
FORT PAYNE								.02	.11		.01	.06		.01	.05		.02	.02							.26
GARDEN CITY												.05		.23	.01					.13	.07				1.15
GREENVILLE NO 2																							.01	.11	.12
GUNTERSVILLE REC									.10			.10		.02	.03				.03	.12	.05	.06	.04		.40
HALEYVILLE												.19							.03	.12	.45	.01	.03		.70
HUNTSVILLE	6																			*	*	*	*	*	.23
JACKSON LOCK 1									.01	.28	.18	.02		.09	.12	.02								.01	.03
JACKSONVILLE														.18	.01										.73
LAY DAM																						.04	.02		.62
MAGNOLIA																						.35	.28	.03	.66
MARION 1 SSE																	.02	.20	.73	.13	.02	1.04	.08		2.22
MIDWAY																				.05	.03		.01		.11
MONTGOMERY WB APT	6													*	*	*	*	*	.05	*	*	*	*	*	.23
MONTGOMERY WB CITY																			.32	.12	.13	.21	.14	.10	1.14
MUSCLE SHOALS CAA A	6											.17		*	*	*	*	*	.10	*	*	*	*	*	.51
PAINT ROCK							.10		.11	.01	.08	.03					.02			.14	.02				.03
PETERMAN																		.27	.21	.11	.05	.05	.05	.08	.03
THORNSBY 1 SW																									.85
TONEY							.05					.15		.01	.35		.01		.10	.06</					

ALABAMA
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DAILY TEMPERATURES

ALABAMA
MAY 195

Table 5

Station	Day of month																																Average
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
ALBERTVILLE 1 S	MAX MIN	78 60	80 60	83 58	84 65	86 63	80 65	81 60	83 59	85 59	84 60	87 67	83 66		78 58	79 56	85 56	87 55	88 65	87 63	78 57	78 63	80 60	87 56	87 59	87 60	90 62	88 63	85 62	82 59	82 57	86 51	83. 60.
ALEXANDER CTY 6 NE	MAX MIN	83 63	80 61	86 65	86 67	88 66	86 62	87 60	89 62	87 65	86 66	86 66	81 67	84 67	81 63	82 58	86 54	88 56	88 59	87 59	82 59	72 60	83 59	82 54	89 54	91 58	92 59	93 59	91 62	91 63	84 59	85. 61.	
ANDALUSIA	MAX MIN	77 64	84 66	85 70	90 69	91 68	90 66	92 65	93 71	85 66	89 64	91 65	88 65	87 63	80 60	81 59	85 57	87 62	88 62	86 64	75 64	83 62	84 62	88 62	92 64	93 67	93 68	92 67	92 69	89 69	87. 64.		
ANNISTON WB AIRPORT	MAX MIN	83 64	77 61	85 63	85 65	86 64	84 62	86 62	89 65	87 65	86 67	86 64	81 61	79 64	81 61	85 55	88 55	89 58	89 57	72 61	81 63	67 61	83 62	84 61	91 57	92 59	92 60	91 61	91 64	89 62	85 59	81. 61.	
ATMORE STATE FARM	MAX MIN	86 67	84 60	90 70	92 69	89 67	91 70	91 64	93 64	90 69	90 67	91 65	83 65	80 65	83 59	86 54	90 64	92 61	89 62	88 62	85 62	85 65	88 65	90 65	93 66	95 65	95 65	93 66	92 68	89 69	91 65	89. 65.	
AUBURN	MAX MIN	79 59	80 60	82 64	84 65	85 64	86 62	85 60	88 61	88 60	77 65	85 65	86 63	84 65	83 59	78 54	80 58	84 59	88 61	88 59	86 59	86 62	83 59	86 62	90 59	87 62	90 61	91 62	90 66	90 66	85 66	84. 61.	
BAY MINETTE	MAX MIN	84 67	83 67	86 71	88 70	86 68	86 64	89 65	87 67	86 67	87 65	88 65	82 65	82 64	82 63	83 64	85 57	89 64	89 62	88 63	76 65	87 65	87 65	89 65	91 65	93 65	94 66	92 67	90 67	88 67	91 65	87. 65.	
BELLE MINA 2 N	MAX MIN	74 58	70 60	86 58	86 70	85 67	85 65	85 65	83 66	82 66	82 66	83 65	78 61	75 59	74 53	84 58	89 59	86 59	86 58	82 56	82 56	83 59	84 59	90 59	90 59	90 60	92 60	88 61	90 62	86 56	83. 61.		
BIRMINGHAM WB APT	MAX MIN	80 63	77 61	87 68	86 69	87 69	83 68	87 67	87 67	77 69	87 69	85 68	81 64	79 63	77 58	79 55	84 58	87 60	88 63	82 62	72 62	82 62	83 62	86 59	89 61	91 60	92 61	89 63	90 64	85 62	84 60	84. 63.	
BIRMINGHAM WB CITY	MAX MIN	82 63	76 61	88 65	87 68	87 68	86 68	88 67	90 65	80 69	88 69	87 66	81 66	80 64	79 63	80 58	84 57	89 60	91 64	86 65	84 64	79 62	87 61	90 63	91 62	93 63	93 65	90 66	90 68	85 69	85. 64.		
BREWTON 3 SSE	MAX MIN	85 65	83 65	88 68	88 69	88 62	88 64	89 61	92 61	90 65	88 63	89 62	84 61	85 63	80 61	83 52	86 58	90 55	91 55	89 61	87 63	77 62	86 58	90 57	93 55	93 58	92 65	93 65	93 63	90 68	91 68	88. 61.	
CAMDEN	MAX MIN	82 61	80 64	86 69	88 75	88 68	87 65	89 65	90 66	88 66	88 64	89 67	83 66	79 63	81 64	85 59	89 61	90 60	88 62	86 62	79 62	83 62	81 62	92 61	92 62	91 63	90 67	90 68	88 67	89 65	86. 65.		
CAMP HILL 2 NW	MAX MIN	81 61	79 62	84 67	84 60	86 61	85 63	86 63	88 63	78 63	86 65	87 66	86 63	80 60	78 57	78 54	85 56	87 55	88 58	86 60	82 58	66 60	82 62	85 62	88 61	90 62	91 62	89 63	90 64	84 64	88 61	84. 61.	
CENTREVILLE	MAX MIN	75 68	82 67	79 68	88 72	90 66	90 63	89 64	88 69	92 70	82 72	89 74	90 70	85 70	82 71	83 68	85 62	88 65	91 67	90 66	85 62	75 64	85 64	88 68	89 64	93 66	94 66	95 67	92 71	93 72	88 67	87. 67.	
CHATAM	MAX MIN	84 66	80 64	89 69	89 68	90 66	90 66	91 58	89 62	90 67	91 67	81 63	79 64	83 59	83 56	86 54	87 56	87 59	87 62	79 65	86 61	88 57	90 57	92 56	93 58	94 61	89 63	93 64	85 63	92 64	87. 62.		
CITRONELLE	MAX MIN	83 68	81 66	87 67	87 71	86 70	86 70	87 64	88 66	87 67	87 68	87 67	79 65	80 65	81 66	83 66	84 66	87 68	87 66	86 65	78 65	84 63	87 66	88 66	89 68	90 68	91 68	89 68	91 68	84 71	80 67	85. 66.	
CLANTON	MAX MIN	76 63	82 64	78 66	86 68	88 68	88 66	88 65	88 63	89 69	80 67	85 70	88 66	81 67	82 63	82 58	85 56	89 61	89 64	89 59	84 62	68 62	84 62	87 59	92 62	93 62	93 64	92 65	88 65	86. 63.			
CORDOVA	MAX MIN	78 60	75 60	82 64	89 69	89 68	83 68	86 68	82 67	77 69	88 71	88 66	89 66	78 60	82 55	85 55	89 58	91 64	89 65	84 65	78 64	82 58	86 58	91 59	92 55	92 60	93 62	90 62					

DAILY TEMPERATURES

ALABAMA
MAY 1950

Table 5-Continued

Station	Day of month																															Average	
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
LOCKHART	MAX MIN	79 66	86 66	84 68	87 69	89 66	88 66	87 64	89 65	90 70	85 66	87 64	89 66	88 66	87 67	76 61	83 60	86 63	88 58	89 63	89 61	84 63	79 64	83 63	83 62	87 62	90 65	92 68	93 67	93 67	92 70	89 65	86.8 64.9
MADISON	MAX MIN	66 59	76 60	87 60	84 61	82 68	87 68	80 68	81 64	87 65	78 70	87 69	84 70	72 62	77 62	75 57	78 60	84 62	87 66	88 63	78 81	83 62	82 61	86 64	90 65	90 64	91 65	89 65	86 65	89 65	85 67	82.9 63.8	
MARION JUNCTION 2 N	MAX MIN	80 63	79 62	88 67	90 68	89 67	89 65	86 62	89 64	83 68	89 66	89 66	85 65	81 65	82 60	83 60	86 57	89 60	90 61	89 67	83 59	75 62	85 61	84 62	88 61	91 61	91 60	92 64	89 63	90 65	87 69	86.4 63.5	
MAXWELL FIELD	MAX MIN	82 64	83 64	87 70	90 71	91 69	88 70	88 68	93 67	82 72	89 71	90 71	86 68	84 67	84 65	83 63	86 61	92 66	92 62	91 68	84 64	70 65	85 63	83 64	92 65	91 68	93 68	92 69	91 70	91 73	88 68	87.4 67.2	
MOBILE WB AIRPORT	MAX MIN	83 70	81 69	85 70	85 69	85 69	86 66	88 65	87 66	86 67	86 66	85 67	83 64	81 66	82 60	84 58	88 66	87 66	86 65	84 65	79 64	84 63	86 67	89 65	90 66	92 66	92 68	90 67	89 68	89 67	84 68	89 67	85.8 66.3
MOBILE WB CITY	MAX MIN	80 72	80 71	84 73	82 74	82 74	82 73	88 70	84 68	84 71	84 72	83 70	84 72	81 67	85 67	85 62	90 60	85 67	85 67	86 68	76 69	86 67	86 69	87 69	90 67	91 67	92 71	92 70	91 71	89 74	85 70	88 69	85.3 69.3
MONTGOMERY WB APT	MAX MIN	82 62	84 63	88 69	89 70	90 65	88 67	86 65	90 66	82 72	89 69	88 69	85 65	82 66	80 64	86 63	90 58	90 62	89 60	89 64	83 62	69 63	85 62	81 63	87 61	91 63	92 66	93 66	90 66	88 68	87 69	86.4 65.0	
MONTGOMERY WB CITY	MAX MIN	81 64	82 64	87 64	88 70	89 68	88 67	87 68	90 71	80 71	87 70	88 67	84 67	82 62	82 60	85 62	89 66	88 68	88 64	83 64	68 63	83 63	81 64	88 65	91 68	92 68	93 70	91 70	91 72	86 76	86 66	85.7 66.6	
MUSCLE SHOALS CAA A	MAX MIN	69 54	72 60	83 58	84 68	85 69	75 63	81 63	85 69	85 70	86 69	83 70	75 64	74 60	76 59	81 56	82 55	88 59	88 62	83 61	81 59	74 63	83 63	86 60	90 65	90 64	90 63	90 66	87 63	86 67	79 60	82 59	82.4 62.4
ONEONTA	MAX MIN	72 60	80 60	77 63	88 65	85 66	88 65	85 64	88 63	88 67	74 66	88 67	87 62	81 61	81 62	78 56	81 53	85 55	88 57	89 62	80 59	82 60	83 61	82 59	85 60	90 61	92 59	91 60	92 60	92 62	89 55	85 60	84.6 60.8
OZARK	MAX MIN	83 63	88 65	90 69	92 69	91 67	90 66	92 68	93 68	88 67	88 65	90 66	91 65	88 66	77 66	77 60	85 62	87 58	90 64	90 63	84 61	74 62	82 61	85 60	88 62	92 64	93 65	93 67	94 67	90 63	87 65	86 70	87.7 65.0
PRATTVILLE	MAX MIN	82 63	81 62	86 67	89 68	91 66	88 66	87 64	92 64	82 70	88 67	89 68	84 67	85 63	83 61	82 58	89 62	89 60	88 61	83 62	75 64	83 62	84 64	88 60	93 61	92 63	94 63	92 66	91 65	87 66	86 65	86.7 63.9	
PUSHMATAHA	MAX MIN	73 64	76 65	73 63	86 71	86 70	87 69	86 66	87 63	85 67	86 67	87 67	85 68	77 66	77 61	81 63	82 58	88 59	86 63	87 68	74 61	85 66	83 61	84 61	87 61	88 59	91 61	90 64	88 64	91 67	83 66	83.8 64.5	
ROBERTSDALE 7 E	MAX MIN	83 67	81 68	84 68	85 71	84 67	85 66	87 62	81 67	84 66	84 66	86 66	84 66	83 66	81 66	85 57	85 65	90 61	87 60	85 63	78 64	84 66	85 66	89 62	89 63	92 65	92 67	89 68	89 67	85 68	89 71	89.5 65.3	
ROCK MILLS	MAX MIN	82 63	80 61	87 65	87 63	88 62	87 61	89 60	90 64	88 64	88 62	87 63	85 59	85 66	81 57	84 54	89 56	89 56	91 59	85 60	87 60	72 62	80 61	85 60	90 62	93 61	95 58	93 58	90 64	91 64	85 62	87.0 60.8	
SAINT BERNARD	MAX MIN	67 60	76 60	71 61	85 64	82 67	86 64	83 62	85 67	87 68	76 66	87 64	85 58	77 62	78 58	75 53	83 57	86 58	88 61	80 58	81 61	73 60	84 59	81 60	89 57	90 58	91 59	90 62	88 62	90 62	85 61	82.4 60.9	
SAND MTN STA FRM AP	MAX MIN	77 58	74 59	81 61	80 66	83 66	79 64	80 66	82 66	76 62	81 62	77 62	75 65	72 61	76 56	80 53	84 56	77 59	78 62	76 59	74 54	77 59	85 58	79 58	87 59	88 59	86 59	85 61	82 62	78 64	80.1 60.5		
SCOTTSBORO	MAX MIN	79 59	75 58	83 62	83 67	86 62	87 61	79 63	88 65	77 65	88 65	87 62	78 60	80 61	75 57	79 55	84 56	88 59	77 61	83 62	69 62	80 64	84 62	90 61	92 57	93 59	92 60	89 62	88 60	83 57	81 62	83.4 60.5	
SELMA	MAX MIN	83 63	80 63	88 69	90 68	90 68	90 67	87 66	92 66	88 70	90 68	89 69	85 66	83 68	84 63	82 62	85 59	90 62	91 61	89 65	85 61	79 62	84 62	86 63	90 63	91 63	93 64	91 66	93 66	86 69	88 70	87.6 65.2	
SPRING HILL	MAX MIN	81 60			86 70	87 70	87 70	88 70		90 70	87 67	88 69	82 68	81 64	82 64	83 57	85 66	89 65	88 66					88 63	84 67	89 66	91 68	93 68	93 69	90 69	84 67	86.8 66.6	
TALLADEGA	MAX MIN	81 64	77 59	86 63	86 67	87 66	85 67	87 64	88 66	82 69	86 69	85 62	82 64	80 60	81 56	85 55	88 58	88 62	83 61	83 62	72 62	83 62	85 64	88 62	91 61	91 60	92 63	90 62	89 62	85 64	83 59	84.8 62.1	
THOMASVILLE	MAX MIN	82 64	79 63	88 70	88 70	86 69	88 68	88 65	86 66	87 67	88 66	81 67	79 63	81 62	81 58	84 63	87 63	88 61	87 66	83 66	75 65	83 62	83 63	87 65	90 63	92 65	92 66	88 66	91 68	85 71	87.5 65.4		
TROY	MAX MIN	80 64	82 64	85 69	89 68	90 67	90 66	88 66	90 70	83 67	90 67	88 68	86 66	87 66	79 62	80 60	85 58	87 63	88 63	88 63	85 63	71 63	85 63	88 60	92 63	94 65	94 66	94 67	92 68	89 69	86.9 65.2		
TUSCALOOSA CAA APT	MAX MIN	82 64	71 63	88 65	88 70	89 69	88 66	87 64	92 67	87 69	91 67	87 67	81 63	81 61	83 58	81 56	86 62	90 61	92 65	90 65	84 64	76 64	84 62	88 61	90 61	92 65	94 66	95 65	91 66	86 68	84 61	86.9 64.2	
TUSKEGEE	MAX MIN	77 61	82 62	84 69	85 68	88 67	88 65	87 64	89 63	86 64	91 69	78 67	88 66	87 68	84 66	81 62	80 60	87 61	88 58	89 64	80 69	84 63	71 61	82 61	88 63	89 64	92 64	92 66	94 67	91 66	87.6 64.5		
UNION SPRINGS	MAX MIN	83 61	84 63	87 66	89 66	90 66	89 66	92 66	81 67	90 67	89 67	88 67	86 65	79 61	81 58	86 58	92 62	89 58	84 61	80 63	85 61	84 62	89 62	92 64	93 65	95 65	92 67	93 66	86 67	87 64	87.4 64.3		
UNIVERSITY	MAX MIN	80 64	71 63	85 67	87 71	87 70	86 68	86 66	89 69	83 70	88 70	86 70	80 64	78 64	80 61	81 59	86 58	89 62	91 61	89 62	80 64	73 64	83 64	86 64	89 63	91 61	93 67	90 66	90 67	91 65	85 63	86 65	85.1 65.0
VALLEY HEAD	MAX MIN	69 58	67 57	83 60	81 61	85 53	82 55	85 59	86 59	85 65	83 66	78 62	79 58	72 51	78 61	84 57	86 50	79 52	80 53	73 56	80 62	73 55	79 53	83 54	87 55	90 63	88 60	87 58	85 60	84 63	81.7 57.7		
WETUMPKA	MAX MIN	82 60	79 62	85 69	88 69	88 66	86 65	86 65	71 65	88 70	85 69	83 68	83 69	81 62	85 62	90 61	89 60	89 65	89 62	71 65	85 63	84 64	88 62	92 64	93 65	93 65	91 67	89 65	88 66	86.1 65.2			

STATION INDEX

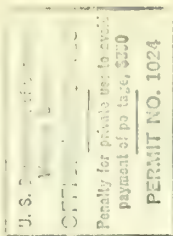
ALAPAMA
MAY 1950

Station	Index No.	County	Drainage	Latitude	Longitude	Elevation	Temp	Precip	Observer	Refer to tables	Station	Index No.	County	Drainage	Latitude	Longitude	Elevation	Temp	Precip	Observer	Refer to tables
ABBEVILLE	0008 HENRY	4 31 34	85 15						MID J. P. MITCHELL	3 4	LOCK NO 17	4855 TUSCALOOSA	2 33 29	87 20	280					7A U. S. ENGINEERS	3
ADDITION	0063 WINSTON	2 34 13	87 10						MID PALMER GORDON	3 4	MADISON	4976 MADISON	12 34 42	86 45	573	7A			7A ROBERT E. TRUE	2 3 5	
ADDITION CENTRAL TOWER	0101 LAWRENCE	2 34 25	87 10	1500					7A U.S.F.S.	3 4	MAGALLA	4996 JEFFERSON	3 33 30	86 51	654				8A ALABAMA POWER CO.	3 4	
ALBANY	0140 WILCOX	1 32 14	87 25						8A SIDNEY J. HARDY, SR.	3 4	MARION	5004 MARION	3 32 08	87 39	264				MID DR. F. H. GATLAND	3 4	
ALBANYVILLE 1 E	0148 MARSHALL	12 34 16	86 13	1114	10A				PAT M. COBURN	2 3 5	MARION 1 SE	5108 PERRY	3 32 37	87 18	263				8A O. MYRON HOLIFIELD	3 4	
ALEXANDER CITY 6 NW	0163 TALLADEGA	11 32 59	85 52	660	5P				SP F. E. BLACKBURN	2 3 5	MARION JUNCTION	5116 DALLAS	3 32 26	87 14	264				8A MRS. MARGARET SMITH	3 4	
ALICEVILLE	0178 PICKENS	1 33 08	86 10						7A H. S. PHILLIPS	3 4	MARION 2 NE	5123 DALLAS	3 32 48	87 11	265	6P			6P ALA. POLY. INST.	2 3 5	
ANDALUSIA	0252 COVINGTON	6 31 18	86 30	346	8A				WM. M. GARRETT	2 3 5	MARTIN	5140 TALLADEGA	11 32 40	85 55	340				6A ALABAMA POWER CO.	3 4	
ANDREWS CAA AIRPORT	0272 CALHOUN	7 33 33	85 51	599	MID				MID C. A. HARRIS	2 3 5	MARTIN FIELD	5202 MONTGOMERY	1 32 25	85 25	165	MID			MID U.S. ARMY AIR FORCES	2 3 5	
ARLEY	0338 WINSTON	2 34 04	87 13						7A MRS. LESSIE HILLER	3 4	MARTIN	5354 CHOTAW	1 31 36	86 27	165				7A JOHN R. LAND	3 4	
ASHLAND	0369 CLAY	11 31 16	85 50						MID HENRY L. MC GOWEN	3 4	WERTZ 3 F	5382 BIRD	3 32 33	87 20	600				8A USFS	3 4	
ASHVILLE	0377 ST. CLAIR	7 31 30	86 16	880					7A NORMAN R. PRICKETT	3 4	WIDWAY	5397 BULLOCK	4 32 04	85 32	78				MID MATTHEW W. HALL	3 4	
ATHENS	0380 Limestone	12 34 48	86 59	709					7A TWA-62	3 4	WILLIAMS FERRY	5417 WILCOX	1 32 06	87 22	78				8A NORMAN D. WILLIAMS	3 4	
ATMOR STATE FARM	0402 ESCAMBA	8 34 10	87 29	59	5P				SP ATMOR STATE FARM	2 3 5	WILSTAD	5439 MACON	1 32 27	85 54	206				8A T. C. CARR	3 4	
AUBURN	0422 LEE	11 32 36	86 30	732	8A				8A MRS. MARTHA T. MOORE	2 3 5	WILSTAD	5465 CHITLOW	7 32 48	86 27	350				8A ALABAMA POWER CO.	3 4	
AUBURN SCS 10	0427 LEE	11 32 36	86 29						MID SCS	3 4	WILSTAD	5478 MOBILE	9 30 41	88 02	212	MID			MID U.S. WEATHER BUREAU	2 3 5	
AUTAGUSVILLE	0440 AUTAGA	1 32 28	86 39						GAJ. J. B. NEIGHBORS	3 4	WILSTAD	5483 MOBILE	9 30 42	88 02	212	MID			MID U.S. WEATHER BUREAU	2 3 5	
BARTON	0546 COLBERT	12 34 43	87 52	463					7A TWA-462	3 4	WILSTAD	5529 MADISON	12 34 45	86 31	1650				7A TWA-330	3 4	
BAY MINETTE	0583 BALDWIN	10 30 53	87 47	268	7P				7P GROVER W. WOODWARD	2 3 5	WILSTAD	5537 SHELBY	3 33 06	85 23	192				8A W. P. JETER	3 4	
BEATRICE	0616 MONROE	1 31 44	87 13						7A W. P. DUNN	3 4	WILSTAD	5550 MONTGOMERY	1 32 18	86 23	468	MID			MID U.S. WEATHER BUREAU	2 3 5	
BELGREEN	0631 FRANKLIN	12 34 28	87 52	910					MID TWA-45	3 4	MONTGOMERY WB CITY	5555 MONTGOMERY	1 32 23	86 18	201	MID			MID U.S. WEATHER BUREAU	2 3 5	
BELLE MIRA 2 N	0655 Limestone	12 34 14	87 54	600	4P				AP ALA. POLY. INST.	2 3 5	MONTGOMERY	5559 LAWRENCE	12 34 29	87 17	630				MID TWA-351	3 4	
BERRY	0748 FAYETTE	2 34 07	87 16						MID MISS CLARA R. OLIVE	3 4	MONTGOMERY	5594 OLDRETT	12 34 44	87 36	540	MID			MID TWA-64	3 4	
BEAR 2 SE	0750 MARION	11 32 12	86 09						MID WM. H. WHITEHEAD	3 4	MONTGOMERY	5642 COFFEY	5 31 23	85 56	560				MID E. EARL BOYETT	3 4	
BELLINGSLY	0823 AUTAGA	1 32 40	86 13						7A LEONARD C. WELDON	3 4	MONTGOMERY	5651 FRANKLIN	12 34 29	87 35	650				7A TWA-64	3 4	
BIRMINGHAM WB AIRPORT	0831 JEFFERSON	2 33 14	86 45	610	MID				MID U.S. WEATHER BUREAU	2 3 5	MONTGOMERY	5662 MADISON	12 34 54	86 28	723				7A TWA-62	3 4	
BIRMINGHAM WB CITY	0836 JEFFERSON	2 33 12	86 50	694	5P				SP MRS. CARRIE B. HORTON	2 3 5	MONTGOMERY	5675 DALLAS	5 31 20	85 57	216				11A FURN WYNN	3 4	
BISHOP	0854 COBURN	2 34 08	85 05	470					7A TWA-42	3 4	MONTGOMERY	5681 PICKENS	1 31 31	88 16	850				7A MRS. DORA I. CLAY	2 3 5	
BOAZ	0957 MARSHALL	2 31 13	86 10						7A MILFORD H. DOOLEY	3 4	MONTGOMERY	5681 PICKENS	1 31 31	88 16	850				8A EDWARD B. WARREN	2 3 5	
BRANTLEY	1069 Crenshaw	6 31 33	86 16	284					8A R. E. HENDERSON	3 4	MONTGOMERY	5681 PICKENS	1 31 31	88 16	850				4P T. MRS. MARY E. SCOTT	2 3 5	
BREWTON 3 MILES SSE	1084 ESCAMBA	6 31 04	87 03	85	6P				GA MRS. CLARA T. PEAVY	2 3 5	MONTGOMERY	5681 PICKENS	1 31 31	88 16	850				7A TWA-69	3 4	
BRIDGEPORT 2 W	1099 JACKSON	12 34 18	86 43	660					SP MISS M. LOUISE JONES	3 4	MONTGOMERY	5681 PICKENS	1 31 31	88 16	850				8A ROBERT P. STORES	3 4	
BURDICK	1127 W. HENRY	5 31 43	87 51	515					8A HUGH H. BUCKS	3 4	MONTGOMERY	5681 PICKENS	1 31 31	88 16	850				8A MRS. JAMIE C. BROWN	2 3 5	
CALERA	1288 SHELBY	7 34 06	86 45	500					8A ZEMMA P. HOLCOMBE	3 4	MONTGOMERY	5681 PICKENS	1 31 31	88 16	850				8A MRS. GERTRUDE GREEN	3 4	
CAMDEN	1304 TALLADEGA	1 31 00	87 20						SP ALA. POLY. INST.	2 3 5	MONTGOMERY	5681 PICKENS	1 31 31	88 16	850				MID MRS. MINTA EDDINS	3 4	
CAMPBELL	1315 CLARK	87 54							MID WM. H. CRITFIELD, JR.	2 3 5	MONTGOMERY	5681 PICKENS	1 31 31	88 16	850				8A MRS. DORA I. CLAY	2 3 5	
CAMP HILL 2 N	1324 TALLADEGA	11 32 50	85 49	880	6P				6P ALA. POLY. INST.	2 3 5	MONTGOMERY	5681 PICKENS	1 31 31	88 16	850				7A MRS. DELLA L. OAKLEY	3 4	
CARSON HILL	1377 WALKER	2 31 54	87 32	430					7A MISS MARY C. RAY	3 4	MONTGOMERY	5681 PICKENS	1 31 31	88 16	850				7A C. W. ADAMS	3 4	
CENTER GROVE	1482 MORGAN	12 34 23	87 00	780					U.S. DEPT. INTERIOR	2 3 5	MONTGOMERY	5681 PICKENS	1 31 31	88 16	850				7A C. W. ADAMS	3 4	
CENTREVILLE	1520 BIBB	3 32 57	87 08	230	7A				7A W. D. HOLIFIELD	2 3 5	MONTGOMERY	5681 PICKENS	1 31 31	88 16	850				7A TWA-65	3 4	
CHATOT	1566 WASHINGTON	13 31 28	88 15	195	6P				6P CHAS. C. SMITH	2 3 5	MONTGOMERY	5681 PICKENS	1 31 31	88 16	850				MID MRS. EVELYN MORRIS	3 4	
CHILDERSBURG	1615 TALLADEGA	7 33 17	86 21	540					GA ALABAMA POWER CO.	3 4	MONTGOMERY	5681 PICKENS	1 31 31	88 16	850				6P 6P CONTINENTAL GIN CO.	2 3 5	
CITRONELLE	1685 MOBILE	9 31 05	88 14	351	6P				6P D. O. JONES	2 3 5	MONTGOMERY	5681 PICKENS	1 31 31	88 16	850				BOON W. E. FISHERY	3 4	
CLANTON	1694 CHITLOW	8 31 10	87 00	70	7A				6P HUGH H. SIMPSON	2 3 5	MONTGOMERY	5681 PICKENS	1 31 31	88 16	850				8A MRS. JAMIE C. BROWN	2 3 5	
CLAYTON	1725 BARBOUR	5 31 51	85 27	590					SA EDWARD E. POPE	3 4	MONTGOMERY	5681 PICKENS	1 31 31	88 16	850				7A TWA-493	3 4	
COFFEY SPRINGS	1867 GENEVA	1840 DE KALB	5 31 55	734					6P MRS. J. VIRGIL DRYN	3 4	MONTGOMERY	5681 PICKENS	1 31 31	88 16	850				7A WILLIAM T. ANDREWS	3 4	
COLUMBIA	1865 HOUSTON	5 31 18	85 06	130					8A COY THOMPSON	3 4	MONTGOMERY	5681 PICKENS	1 31 31	88 16	850				MID ALABAMA ELECTRIC CO.	3 4	
COLUMBIAVILLE	1940 WALKER	2 31 03	87 13	59	5P				8A MRS. C. GREGORY	2 3 5	MONTGOMERY	5681 PICKENS	1 31 31	88 16	850				6P CARL CROSBY	2 3 5	
CUBA	2019 SUMTER	13 32 06	88 24	215					7A REDEUXE W. HARRIS	3 4	MONTGOMERY	5681 PICKENS	1 31 31	88 16	850				6P JAMES B. BAILEY	2 3 5	
DADEVILLE	2119 TALLAPOOSA	11 32 56	88 15	760					8A DR. W. B. PULTON	3 4	MONTGOMERY	5681 PICKENS	1 31 31	88 16	850				7A FR. FREDERICK SMITH	2 3 5	
DADEVILLE NO 2	2124 TALLAPOOSA	11 32 30	88 16						MID JAY D. LANE	3 4	MONTGOMERY	5681 PICKENS	1 31 31	88 16	850				5P SP ALA. POLY. INSTITUTE	2 3 5	
DANCY	2141 PICKENS	1 31 08	87 27	297	7P				7P E. F. SMITH	3 4	MONTGOMERY	5681 PICKENS	1 31 31	88 16	850				7A DORA R. WEBSTER	3 4	
DANVILLE	2149 MORGAN	12 34 14	87 04	595					7A TWA-62	3 4	MONTGOMERY	5681 PICKENS	1 31 31	88 16	850				8A MRS. JAMIE C. BROWN	2 3 5	
DAYTON	2188 MARENGO	11 32 21	87 21	597	6P				6P JAMES M. CREWS	2 3 5	MONTGOMERY	5681 PICKENS	1 31 31	88 16	850				7A TWA-76A	3 4	
DECATUR	2207 MORGAN	11 32 17	86 58	573	5P				8A MRS. FRED T. TRIMBLE	2 3 5	MONTGOMERY	5681 PICKENS	1 31 31	88 16	850				8A B. G. BUSH	2 3 5	
DECATUR NO 4	2208 MORGAN	11 32 17	86 58	573	5P				7A TWA-62	3 4	MONTGOMERY	5681 PICKENS	1 31 31	88 16	850				6P T. JOHN O. RHODES	2 3 5	
DECATUR SUBSTATION	2221 MORGAN	11 32 17	86 58	573	5P				7A TWA-411	3 4	MONTGOMERY	5681 PICKENS	1 31 31	88 16	850				7A TWA-49	3 4	
DEMOPOLIS LOCK 4	2240 MARENGO	11 32 11	87 51	100					7A J. A. ROBERTSON	2 3 5	MONTGOMERY	5681 PICKENS	1 31 31	88 16	850				7A TWA-62	3 4	
DOYAN CAA AIRPORT	2372 HOUSTON	5 31 17	87 12	127	MID				MID CAA	2 3 5	MONTGOMERY	5681 PICKENS	1 31 31	88 16	850				6A PATRICK H. SMITH	3 4	
ELBA	2577 COFFEY	10 31 25	86 04	204					8A DOXIER B. ROBERTS	3 4	MONTGOMERY	5681 PICKENS	1 31 31	88 16	850				7A MRS. EVA R. RAY	3 4	
ELKAD	2632 TUSCALOOSA	8 31 15	87 01	204					7A E. V. DIER	3 4	MONTGOMERY	5681 PICKENS	1 31 31	88 16	850				7A TWA-75	3 4	
ELFAULA	2727 BARBOUR	4 31 53	85 28	254	5P				8A HARRY E. MAUGANS	2 3 5	MONTGOMERY	5681 PICKENS	1 31 31	88 16	850				8A HAMLIN R. TIPPINS	2 3 5	
EUFALA LOCK NO 7	2742 GREENE	2 32 17	87 50	540					7A E. B. HOLCOMBE	3 4	MONTGOMERY	5681 PICKENS	1 31 31	88 16	850				7A J. F. SUTTLE, JR.	3 4	
EVERGREEN	2765 CONEUCH	6 31 58	86 58	340	8A				7A MRS. JESSIE D. GILSON	2 3 5	MONTGOMERY	5681 PICKENS	1 31 31	88 16	850				7A TWA-385	3 4	
EVERGREEN CAA APT	2763 CONEUCH	6 31 58	86 58	340	8A				MID CAA	2 3 5	MONTGOMERY	5681 PICKENS	1 31 31	88 16	850				8A ALABAMA POWER CO.	3 4	
FALLOPE	2813 BALDWIN	9 30 32	87 55	25	MID				SP HAROLD F. YATES	2 3 5	MONTGOMERY	5681 PICKENS	1 31 31	88 16	850				7A TWA-386	3 4	
FALLOPE 5 NE	2812 COVINGTON	9 30 32	87 55	25	MID				8A U.S. CORRESP. SERVICE	3 4	MONTGOMERY	5681 PICKENS	1 31 31	88 16	850				6P C. D. WEAVER	2 3 5	
FALLOPE 5 NE	2840 MORG																				



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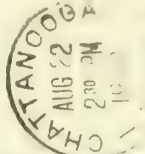
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WEATHER BUREAU

F. W. REICHELDERFER, Chief

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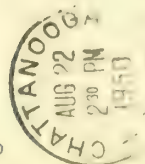
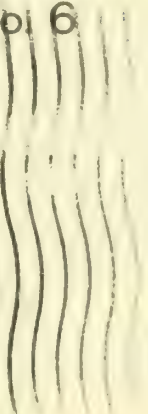
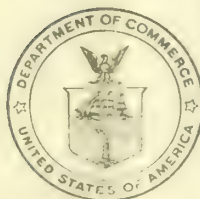
ALABAMA

JUNE 1950

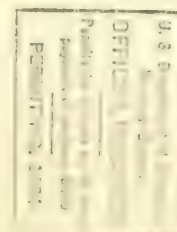
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CHATTANOOGA: 1950



A. R. Long, Section Director - Montgomery

WEATHER SUMMARY

For the State as a whole, the first ten days averaged wet and cool, and the remainder was warm and dry.

The range of temperature was rather large. Minimums on the morning of the 5th and again around the end of the month were near record lows for the time of year over much of the State, and afternoon maximums exceeded 100° in some southeastern localities around the 26th.

Nearly all stations had good rains between the 2nd and the 10th, but during the last 20 days of June and the first three days of July, rainfall over two thirds of the State was less than an inch, and serious drought was becoming widespread as the month ended. The chart on the following page shows the areal distribution of precipitation during the period for June 11 to July 3, inclusive. The showers which occurred during the last 20 days were mostly around the 21st. There were a few other widely scattered showers in the extreme south on the 18th to the 20th.

The dry weather of the last 20 days was very favorable for harvesting small grains and miscellaneous seed crops, and for saving hay, and it permitted farmers in the north to catch up with field work that had been hindered by wet soil during the spring. The outlook for cotton brightened considerably during this period, but early corn in the south was damaged greatly by insufficient moisture which evaporated rapidly in the hot sun during the fruiting period, and vegetable crops and pastures in the dry areas deteriorated considerably.

A single lightning bolt killed two men and two mules in a field near Boaz, in Marshall County, on the 20th.

The waterflow in Lightwood Knot Creek, near Opp and Andalusia, and in Patsaliga Creek, at Luverne, was lower at the end of June than at any time since the USGS began gaging these streams seven years ago. There were, of course, no floods in any of the rivers.--FCP

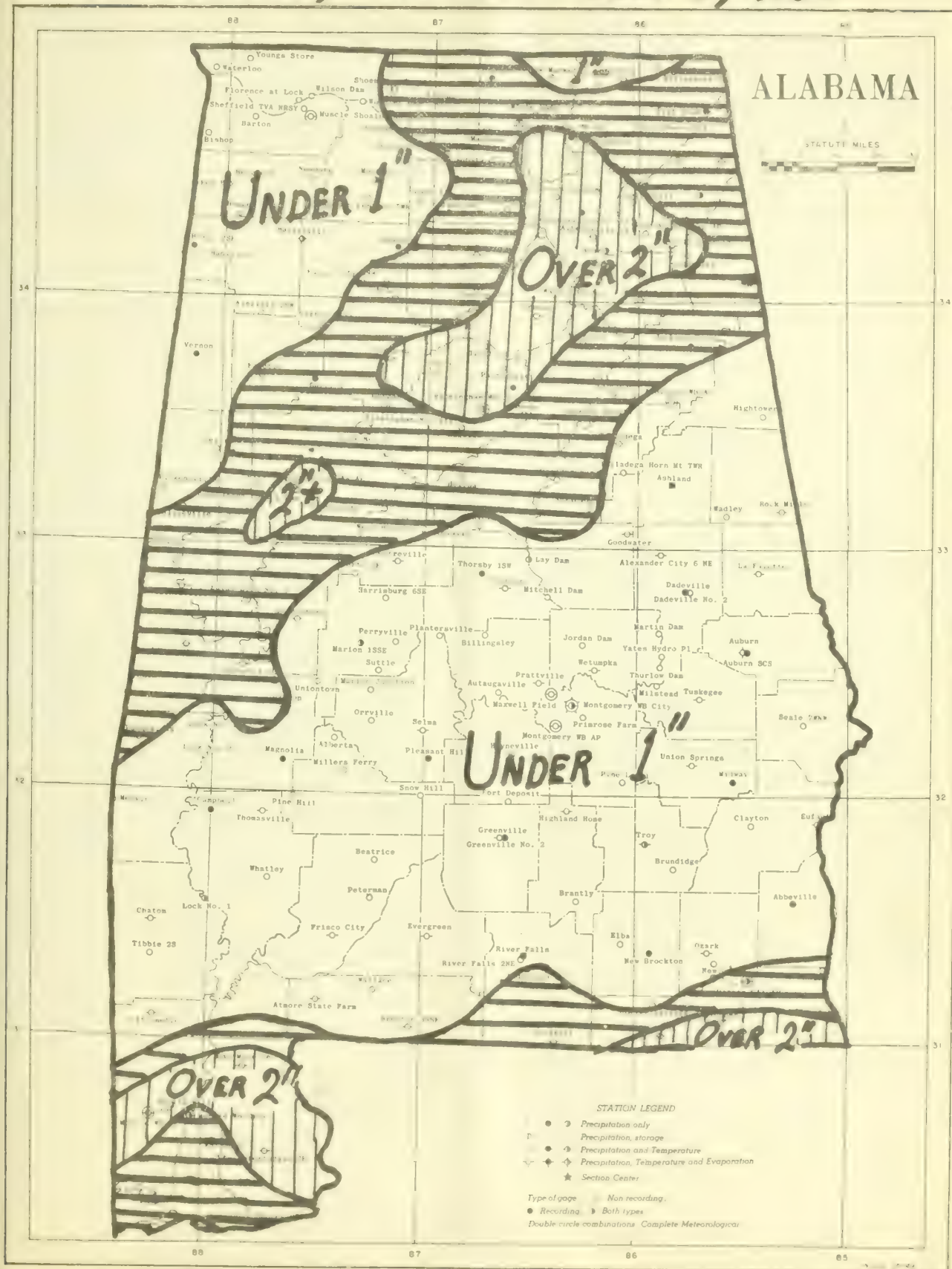
 ACKNOWLEDGMENTS

In addition to the climatological data from some 6,000 Weather Bureau and cooperative weather stations, this bulletin series contains records from Hydroclimatic Network Stations which were formerly reproduced in the Hydrologic Bulletin Series. The Hydroclimatic Network is a nationwide net of rain gages--mostly of the recording type which produce continuous records of precipitation. It was established in 1939 at the request of the Corps of Engineers, Department of the Army, to supplement existing precipitation stations in order to provide records of rainfall intensity which were essential to the planning of flood control and related works by the Corps of Engineers. This Network, now numbering about 2,000 recording, and 1,000 non-recording rain gages, has been maintained by the Weather Bureau through working funds transferred annually to the Weather Bureau by the Corps of Engineers. These transfers averaged about \$250,000 per year between 1940 and 1944, and nearly \$375,000 since that date. For the years 1940-42, the Department of Agriculture transferred about \$100,000 per year to provide data required in its work, and since 1947 the Bureau of Reclamation has transferred about \$25,000 per year to meet the increasing needs of their program in the Western States.

Previous to the introduction of this bulletin series, data from Hydroclimatic Network stations were presented in bulletins (Hydrologic Bulletins) which were issued monthly for each of 8 drainage areas embracing the entire United States, but since the Network was established to meet the internal requirements of the Federal agencies referred to above, no provision was made for public dissemination of the data, distribution being limited to cooperating agencies and to certain public repositories. A list of locations where reference copies of the Hydrologic Bulletin Series are available for inspection may be obtained upon application to Chief, U. S. Weather Bureau, Washington 25, D. C.

Many other records published in this bulletin have been made available through the cooperation of various public offices, private agencies, and individuals as listed in the Station Index.

RAINFALL, JUNE 11 TO JULY 3, 1950



SUPPLEMENTAL DATA

ALABAMA
JUNE 1950

Station	Wind direction		Wind speed m. p. h.				Relative humidity averages - percent				Number of days with precipitation						Percent of possible sunshine	Average sky cover sunrise to sunset	Degree days 65° base
	Prevailing	Percent of time from prevailing	Average	Fastest mile	Direction of fastest mile	Date of fastest mile	12:30 a CST	6:30 a CST	12:30 p CST	6:30 p CST	Trace	01-09	10-49	50-99	100-199	200 and over	Total		
ANNISTON WB AP	-	-	-	-	-	-	-	-	-	-	0	2	2	2	0	1	7	-	-
BIRMINGHAM WB AP	SW	11	6.7	35	SW	20	86	85	57	61	1	0	8	1	1	0	11	70	6.2
MOBILE WB CITY	S†	13†	8.5	37	SE	6	87†	87†	62†	72†	2	4	2	5	0	0	13	59	5.0
MONTGOMERY WB CITY	NW†	11†	5.7	21	SW	18	83†	83†	54†	63†	2	7	3	0	1	0	13	71	5.3

† AIRPORT DATA

COMPARATIVE DATA

Table 1

Year	Temperature			Precipitation		Year	Temperature			Precipitation		Year	Temperature			Precipitation	
	Average	Highest	Lowest	Average	No. of days .01 or more		Average	Highest	Lowest	Average	No. of days .01 or more		Average	Highest	Lowest	Average	No. of days .01 or more
1884	75.2	100	45	7.04	15	1909	78.1	100	53	7.85	14	1934	80.1	105	52	4.79	10
1885	79.1	98	54	3.73	9	1910	75.6	99	43	6.98	12	1935	77.2	100	48	3.70	8
1886	76.8	97	52	8.35	17	1911	80.6	105	48	3.86	9	1936	81.1	107	45	1.91	4
1887	78.1	102	48	3.80	8	1912	75.1	100	48	5.11	10	1937	80.2	103	51	3.66	9
1888	77.3	98	48	5.57	8	1913	77.6	107	40	3.54	8	1938	77.5	98	50	4.55	10
1889	76.0	101	36	4.74	10	1914	83.1	109	51	2.66	6	1939	79.1	103	57	6.30	14
1890	79.4	103	50	3.28	8	1915	78.8	104	46	3.67	8	1940	77.3	99	49	6.43	12
1891	79.6	104	41	5.14	9	1916	77.5	100	50	3.35	8	1941	78.8	101	47	4.24	10
1892	78.2	105	56	4.76	11	1917	77.7	104	42	3.21	7	1942	78.7	101	50	5.72	11
1893	77.4	101	50	4.95	10	1918	79.7	107	50	4.22	8	1943	81.8	101	58	3.50	8
1894	77.7	102	39	2.23	6	1919	78.5	100	56	4.17	9	1944	81.1	104	48	2.80	7
1895	78.3	100	50	5.60	10	1920	77.0	101	50	4.50	7	1945	79.2	101	48	3.45	8
1896	77.2	100	48	5.39	11	1921	81.0	103	56	1.83	5	1946	76.6	99	41	5.52	8
1897	81.1	105	44	1.83	6	1922	78.7	102	50	3.64	9	1947	77.4	98	41	4.70	9
1898	80.5	103	55	3.62	8	1923	77.1	98	45	3.99	10	1948	79.5	102	50	3.58	7
1899	79.9	105	49	2.83	6	1924	79.5	102	49	5.35	11	1949	77.9	98	54	5.76	
1900	76.5	98	58	11.04	18	1925	81.1	104	55	2.25	6	1950	78.2	103	46	3.62	
1901	78.6	103	48	2.79	8	1926	77.6	101	40	4.92	9						
1902	81.0	106	47	1.22	4	1927	78.2	102	55	5.28	13						
1903	73.5	99	42	4.92	10	1928	76.0	99	50	10.16	13						
1904	78.1	103	47	2.85	7	1929	77.1	99	46	5.23	10						
1905	79.3	102	49	4.36	10	1930	77.4	108	41	1.95	5						
1906	79.2	101	52	3.41	8	1931	79.9	109	44	1.50	4						
1907	75.8	106	41	2.86	8	1932	79.1	102	55	5.01	11	PERIOD	78.2			4.26	
1908	77.7	102	49	2.74	7	1933	78.5	109	45	3.04	7						

CLIMATOLOGICAL DATA

ALABAMA
JUNE 1950

Table 2

Station	Temperature								Precipitation									
	Average	Departure from Normal	Highest	Date	Lowest	Date	No. of Days		Total	Departure from Normal	Greatest Day	Date	Snow, Sleet, Hail			No. of Days		
							Max 90° or above	Min 32° or below					Total	Max Depth on Ground	Date	.01 or more	.25 or more	1.00 or more
NORTHERN DIVISION																		
ALBERTVILLE 1 S	75.2	1.5	96	16.	56	7+	12	0					0.0					
ANNISTON WB AIRPORT	76.6		96	18.	53	5	14	0	5.19	1.07	3.60	4	0.0			5	4	1
BELLE MINA 2 N	75.6		96	18.	48	5	14	0	3.74		1.07	2	0.0			6	6	1
BIRMINGHAM WB APT	76.8	0.0	96	18	51	5	13	0	4.97	.51	1.94	21	0.0			10	9	1
BIRMINGHAM WB CITY	78.7	0.8	97	15.	52	5	16	0	5.57	1.11	2.31	21	0.0			12	6	1
CORDOVA	78.3	1.4	98	18	50	5	13	0	3.80	.32	1.31	22	0.0			7	5	1
DECATUR	76.5	1.4	95	18	54	5	11	0	3.69	.10	1.06	3	0.0			8	5	1
FAYETTE	75.9		98	27	48	5	14	0	3.02	1.46	.90	21	0.0			7	5	0
GAUDIN	76.4	1.0	98	18.	53	12	13	0	2.47	1.70	1.41	21	0.0			9	2	1
GOODWATER	77.2	0.6	97	27	55	5	13	0	5.32	1.00	2.32	3	0.0			10	5	2
HALEYVILLE	73.7		92	26	47	5	5	0	5.35		1.65	4	0.0			6	5	2
HUNTSVILLE	75.5		95	18	52	5	11	0	2.36	1.95	.65	9	0.0			8	5	0
MADISON	76.6	0.4	95	19	56	5	12	0	4.58	.32	1.85	3	0.0			6	5	1
MUSCLE SHOALS CAA A	76.7	0.4	98	26	54	5	11	0	4.07	.40	2.71	10	0.0			9	3	1
ONEONTA	76.1	0.7	97	19	54	1	15	0	3.91	.48	1.79	21	0.0			6	4	2
ROCK MILLS	77.5		98	26.	55	5+	19	0	4.90	.57	1.45	5	0.0			8	6	2
SAINT BERNARD	75.1	0.6	95	19	52	5	11	0	6.76	2.49	2.20	4	0.0			7	7	2
SAND MTN STA FRM AP	73.8		92	18	50	5	2	0	5.55		1.27	3	0.0			8	7	3
SCOTTSBORO	75.1	0.0	97	18	48	5	12	0	3.96	.46	1.53	4	0.0			7	4	1
TALLADEGA	76.6	1.6	95	18.	52	5	13	0	3.69	.89	1.74	4	0.0			8	4	1
TUSCALOOSA CAA APT	78.8	0.5	99	18	53	5	20	0	4.47	.40	1.70	21	0.0			9	6	1
UNIVERSITY	78.4	0.9	97	18.	55	5	15	0	5.01	.94	2.97	21	0.0			9	4	1
VALLEY HEAD	74.0	0.8	97	26	46	5	11	0	4.61	.32	1.11	21	0.0			6	6	1
DIVISION	76.3								4.41									
MIDDLE DIVISION																		
ALEXANDER CTY 6 NE	76.2		97	26.	53	5	14	0	3.20		1.04	4	0.0			7	4	1
AUBURN	78.5	0.6	98	27.	56	5	15	0	2.57	1.49	.59	8	0.0			8	5	0
CAMDEN	80.0		100	25.	60	5+	19	0	1.75		.70	8	0.0			7	2	0
CAMP HILL 2 NW	75.7		97	26.	52	5	16	0	2.66		1.00	8	0.0			8	3	1
CENTREVILLE	81.1	2.6	99	18	62	5	17	0	4.16	.10	2.20	8	0.0			7	4	1
CLANTON	78.7	0.6	99	27.	54	5	15	0	2.78	1.31	1.17	4	0.0			10	3	1
DAYTON	80.0		97	17.	52	5	21	0	1.06				0.0			9		0
EUFULA	81.1	1.9	103	25.	60	5+	20	0	3.09	1.13	1.40	8	0.0			5	3	2
GREENSBORO	79.7	0.8	99	17.	56	5	18	0	1.54	2.13	.61	21	0.0			11	1	0
GREENVILLE	80.3		99	18.	59	5	17	0	1.37		.56	8	0.0			9	2	0
HIGHLAND HOME	79.0	0.3	97	27	57	5	16	0	2.91	1.59	.87	9	0.0			8	4	0
LA FAYETTE	76.8		98	26	55	5	13	0	3.81		.96	4	0.0			10		0
LIVINGSTON	78.7	0.3	97	18	56	5	14	0	3.85	.55	1.45	21	0.0			10	4	1
MARION JUNCTION 2 N	78.7		98	18	55	5		0	3.87		1.48	8	0.0			9	3	2
MAXWELL FIELD	81.5		99	18.	61	5	19	0	2.98		1.65	9	0.0			6	4	1
MONTGOMERY WB APT	79.8		99	27	58	5	19	0	2.40		.97	9	0.0			11	3	0
MONTGOMERY WB CITY	80.1	0.8	97	17.	60	5	17	0	2.39	1.41	1.44	9	0.0			11	2	1
PRATTVILLE	79.2	1.0	98	18	58	5	17	0	2.58	1.25	.96	9	0.0			9	4	0
PUEBLOTAHA	78.9	0.2	98	18	56	6	15	0	2.12	2.66	1.54	21	0.0			4	2	1
SELMA	80.5	0.7	99	18	57	5	21	0	3.49	.20	1.51	9	0.0			8	3	1
THOMASVILLE	79.6	0.1	98	18.	60	5	17	0	.90	3.38	.54	9	0.0			5	1	0
TROY	80.5	0.9	99	19.	58	5	19	0	.63	3.09	.35	9	0.0			5	1	0
TUSKEGEE	80.0		99	19	58	5	19	0	2.59	.72	1.26	22	0.0			10	2	1
UNION SPRINGS	79.3	0.4	99	26.	57	5	20	0	2.64	1.50	.80	5	0.0			10	3	0
WETUMPKA	80.2	0.4	99	25.	58	5	19	0	2.45	1.70	.74	9	0.0			7	4	0
DIVISION	79.4								2.55									
SOUTHERN DIVISION																		
ANDALUSIA	80.9		100	28	60	5	22	0	1.90		.67	22	0.0			7	3	0
ATMORE STATE FARM	81.2		101	27	60	5	19	0	2.42		.66	7	0.0			7		0
BAY MINETTE	80.2	0.6	98	27	61	5	19	0	3.45	1.95	1.57	7	0.0			6	3	2
BRENTON 3 SSE	79.0	0.2	101	27	55	6	19	0	2.63	2.67	.68	9	0.0			8	5	0
CHATON	78.0		100	27	54	5	20	0	4.26		1.23	9	0.0			10	4	3
CITRONELLE	79.5	0.2	97	27	62	5	18	0	4.46	.92	1.59	2	0.0			8	5	2
DOTHAN CAA AIRPORT	81.4		102	27	61	5	23	0	4.49	.14	1.11	16	0.0			10	5	1
EVERGREEN CAA APT	79.2	0.2	99	18.	58	5	19	0	1.70	2.63	.60	2	0.0			12	2	0
FAIRHOPE	79.6	0.3	97	26.	60	5	16	0	4.44	1.87	.70	7	0.0			14	8	0
PORT MORGAN	81.6		96	26.	68	5+	9	0	3.66		1.75	16	0.0			7	4	1
FRISCO CITY	79.9		98	18.	58	5	18	0	4.26	.33	1.07	19	0.0			12	6	1
GENEVA	80.3		101	28	59	5	23	0	3.23	1.23	1.13	21	0.0			10	4	1
HEADLAND	80.9		101	27	59	5	21	0	.89		.43	5	0.0			3	2	0
LOCKHART	80.4		99	28.	60	5	18	0	2.52		.68	17	0.0			11	4	0
MOBILE WB AIRPORT	80.2		99	27	63	5	17	0	7.78		3.12	20	0.0			10	7	2
MOBILE WB CITY	81.8	1.5	100	27	64	5	18	0	4.23	1.20	.86	2	0.0			11	6	0
OZARK	81.1	1.5	101	27	59	5	19	0	1.43	3.15	.60	9	0.0			9	2	0
ROBERTSDALE 7 E	79.1		97	27	58	5	15	0	11.06	4.89	3.01	7	0.0			12	8	3
SPRING HILL	81.1	0.7	99	28	63	5		0	6.92	.58	2.12	20	0.0			11	8	2
DIVISION	80.3								3.99									
STATE	78.2	0.0							3.62	0.64								

See reference notes following Station Index

DAILY PRECIPITATION

Table 3

ALABAMA
JUNE 1950

Station		Day of month																															Total
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
ABBEVILLE	R		.12		.20			2.17	1.00	.32								05	.24			.24							.32			4.66	
ADDISON	R		1.04	1.45	.30			.20	.27	.91											.48	.07	.45									5.17	
ADDISON CNTRL TOWER				1.10	2.83																		.71									5.36	
ALBERTA			.53					.05	.85	.03	.08	.27										.96										2.89	
ALBERTVILLE 1 S			.31			.12										.03					1.21	.38											
ALEXANDER CTY 6 NE			.60	1.04					.98	.22	T						.08						.26					.02				3.20	
ALICEVILLE			.56	.35					.35	.46												.97						.90				3.13	
ANDALUSIA				.10				.30													.12	.05	.67					.20				1.90	
ANNISTON WB AIRPORT		T	.19	3.60				T	.70	T		.83									.30	.40			35	2.10						5.19	
ARLEY				1.08	1.39								.98		T				.10													6.83	
ASHLAND	//R		.08	.08	1.71			.05	.72													.26										3.25	
ASHVILLE				20	1.00				.65	.56	.05						.37					1.51										4.34	
ATHENS			.37	.50	.68				T	1.09							.01					.96	.62	.11								4.34	
ATMORE STATE FARM	Z		*	.53	.27			.66	*	.38										T	.58											2.42	
AUBURN			.45	.30	.20			.59	.15	.38								.10					.40									2.57	
AUBURN SCS 10	R	.95		.40				.60		.20												.45										2.60	
AUTGAUGAVILLE				.40					2.40	.46	.22												.14									3.60	
BARTON			.63	.27					.30		.23											.83	.14	.06								4.53	
BAY MINETTE			1.10	.10				1.57	.17												.06	.45										3.45	
BEATRICE				.30				.60	1.10	.55																							
BELGREEN	R		1.20	.70						.11	1.60										.04		.64									4.29	
BELLE MINA 2 N	R		1.07	.45					.65	.45												.67	.45	T								3.74	
BERRY	R		.95	.40						.15											.03	.21	1.38									3.12	
BEXAR 2 SE	R		1.32	1.62	.06				.02	2.84												.05	.52									6.43	
BILLINGSLEY	R			.23	*	.77			.20	.20		.34											.16									1.90	
BIRMINGHAM WB APT	Z		.25	.11	.41			T	.32	.29	.34						.31				.51	1.94						.49				4.97	
BIRMINGHAM WB CITY			.02	.63	.59			.03	.21	.08	.65	.01					.06				.40	2.31	T					.58				2.66	
BISHOP			.05	.98	.30						.35	.65										.12										2.45	
BOAZ	Z		.14	1.03						.13	.26											1.77	1.66									4.99	
BRANTLY				T				.10		.10	T																						
BREWTON 3 SSE			.30		.25			.10	.12	.68	.48											.50	.20									2.63	
BRIDGEPORT 2 W			1.51	.86					.03	.33	.12											.19	.49	.37								3.90	
BRUNDIDGE				T				T	.07	.35	.39							T	T			T	.04	.35								1.20	
CALERA			.50	T				.39	T															.26								2.06	
CAMDEN			.20	.05	.12				.70	.12	.50	T										T	.06									1.75	
CAMPBELL	R		.05	.03	.19			.34	.10	.09	.21						.56					.62	.21									1.84	
CAMP HILL 2 NW				.10	.42		.15		1.00	.15												.14	.14									2.66	
CARBON HILL	.11		.91	1.60					.40	.25	1.25											.51	.25									5.28	
CENTER GROVE			.82	1.17	T				.17	.12	.62	T									T	.62	.84	T								4.36	
CENTREVILLE			.16	.10					2.20	.76	.60											.25	.09									4.16	
CRATON			.07	.03	.01			.43	.02	1.23	1.19									1.05	.10	.13										4.26	
CHILDERSBURG			.06	.36	.16				.60	.05								.25				.46	.60					.23				2.77	
CITRONELLE		1.59	T	.07	T	T		.79	1.17	.34	.12										.27	.11										4.46	
CLANTON			.16	1.17	T			.05	.30	.57	.05	.12										.14	.13					.09				2.78	
CLAYTON			.20						1.14	.97																							
COFFEE SPRINGS			.60					.30	.20	1.10												.30										3.20	
COLLINGSVILLE			.50	1.30					.165	.21								.20				.71	1.69									6.26	
COLUMBIA			.03		.20			.12	1.49	.17							T	.32	.15			.10	.25							.24		3.06	
CORDOVA			.20	.32					.31	.13			.55									.98	1.31									3.80	
CUBA		.01	.51	.32				.15	.18	1.47	.28										T	.56	.06									3.54	
DADEVILLE					.48	.05			.92	.03	.01												.57									2.06	
DADEVILLE NO 2	R		.18	.32				.12	1.09	.02							.04					.58										2.35	
DANCY			.83	.23				.39	.39	1.03	.75										.09	1.02						.12				4.85	
DANVILLE			1.93	.93						.10	.03	.45										.32										4.22	
DAYTON			.05	.03	.10			*	.45	.10	.03										.06	.24		.31								1.06	
DECATUR			.19	1.06	.54				T	.34	.96	.37						T				.14	.09	T								3.69	
DECATUR NO 4			1.40	.40	.57				.36	.80	.49											.16	1.06									4.84	
DECATUR SUBSTATION			1.17	.87	.59				.75	.93												.15	.93	T								5.29	
DEMOPOLIS LOCK 4			.22	.71					1.27	.04	.08											1.59											

DAILY PRECIPITATION

ALABAMA
JUNE 1950

Table 3-Continued

Station	Day of month																															Total
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
MARION JUNCTION			11	39	02		T	12	3	20	80	86									25	30									1.85	
MARION JUNCTION 2 N		08	12	05			01	14	1	03	71									16	21										3.87	
MARTIN DAM			06	02	.50			06	80	02									60	05	21	25									2.24	
MAXWELL FIELD		.13	1	52			T	29	1.65	83								T		1	16										2.98	
MELVIN			20	40			.07	03	.48	12	.72									06	.04	11	92								2.75	
WERTZ 3 E											15	74									10	40										
MIDWAY	R	.53		.33			.55	.10								.30		*		*	1.00										2.81	
MILLERS FERRY			.23	.15			.10	.55	.05	.27	.18									.11	T										1.53	
MILSTEAD			.40	T	.06			.11	1.27	.05	.06					T	.01			.23	3.42		.10								2.32	
MOBILE WB AIRPORT		.29	T	.53	.06	.37	2.32	T	.42	.16					T	.01			T	.23	3.42							.01			7.78	
MOBILE WB CITY	Z	.86		.65		.59	.62	.03	T	.49						.01	T	.14		.19	.76	.01						.02			4.23	
MONIE SANO			1.18	.98					.10		.55	.43									.26	.62	.86								5.22	
MONTVALLO			*	1.18																												
MONTGOMERY WB APT		.32	.01	.55			.12	.22	.97	.02									.02		.01	.15									2.40	
MONTGOMERY WB CITY	Z	.18	.01	.41			.02	.22	1.44	.02	T					.03		T			.01	.04						T	.01		2.39	
MOULTON	R	.90	.44	.06			.10	.06	.76							.05				.08	.44	.39									3.28	
MUSCLE SHOALS CAA A		.33	.74	.01			.01	.10	2.71											.14	.01	.02									4.07	
NEW BROCKTON	R	.03		.05			.05	.52	.43										.05												1.13	
NEWBURG		*	1.29	.67							1.17											.75									3.88	
NEW MARKET			.35	.44						.42	.61					.04						.89	.03								2.78	
NEWTON				.32					1.25	.29											.38										.70	
OREMONTA		.15		.15					.48	.30	1.25										1.79	.28									3.91	
ORVILLE			.12	.22					.48	.30	1.25										.26										2.63	
OZARK			.20				.11	.01	.60								.05			.09	.04	.27									1.43	
PAINT ROCK	R	1.09	.42	.73	.06			.05	.02	.38					.13					.67	.23	1.20									4.92	
PALMERDALE			1.98																		1.87	.85										
PENNINGTON LOCK 2			.12	.40				.39	.57	.36	.10										.24	.08									2.26	
PERRYVILLE			.54	.36						.84												.20									1.58	
PETERMAN	R	.45	.06	.14		.08	.47	1.55	.10	.50								.14	.46		.41										3.90	
PICKENSVILLE			.96	.36						.35											.30								.11		2.54	
PINE HILL			.02	.75					.85	.40									.50										.04		2.56	
PINE LEVEL			.24						.65	.21											.18	.26									1.36	
PLANTERSVILLE			.18	.80	.18			1.02	.10	.75																					3.21	
PLEASANT GROVE SCH			.54	.36					1.15	.37	.24										.63	.25	.05								3.59	
PRATTVILLE		.28	.10	.60			.10	.04	.96	.20	.05										.25										2.58	
PRIMROSE FARM			.09	.74					.47	1.73	.01										.14										3.30	
PUSHMATAHA			.31	.13																	1.54		.14						.12		2.12	
RED BAY			1.14	.46					.25	1.84												.28									3.97	
REFORM			.48	.93				.61	.03												.25	.12									2.42	
RIVER FALLS			.03		T		T	.31	.12	.03										.10	.19	.09									.84	
RIVER FALLS 2 WE	R			.45		.71	3.01	.22	.09	.16	.56			.85	.06	2.15		.04	.27	.02								.07			.71	
ROBERTSDALE 7 E		.10	.04	.41	1.45			1.16	.73	.33	.71				.48				.24	2.41	.33										11.06	
ROCK HILLS			1.40	2.20					.62	.33	.71										.60	.03									4.90	
SAINT BERNARD			1.27	.75					1.04	.30				.03						.43	1.15	.58									6.76	
SAND MTN STA FRM AP																				.43	1.15	.58									5.55	
SAYRE			.74	.26					.04	.19	.48										1.69	.43									4.10	
SCOTTSBORO			.85	1.53					.05	.15										.21	.63	.54									3.96	
SCOTTSBORO SUBSTA			.45	1.70					T	.04	.15										.68	.22	.38								3.62	
SEALE 7 #NW	*	*	*	2.40																*	.50											
SELMA			.20	.12	.07		T	.37	1.51	.14	.86									T	T	.22									3.49	
SHEFFIELD TVA NRSY		.25	*	.87					.11	2.80											.07	.06										4.16
SHOEMAKER SPRINGS	*	1.40	.27						.48	.92											2.12	.14									5.33	
SILKWOOD			.12	.80				1.15																							3.45	
SNOW HILL			.22	.17	.05		.30	.18	1.33	1.36				T	.06	.50				.93										.69		
SOUTH HILL		.20	.18	2.12					.50	.19						.24				.65	1.18	.34									5.60	
SPRING HILL			.13	.65			.83	.63	T	.05	.38					.02			.28	2.12	1.20	T							.63		6.92	
SUTTLE			.52					.21	1.50	.15											.16										2.54	
SWAIN			.58	.59				.10	.72	.29				.06							.31	.62	.40								3.87	
SYLACAUGA			.05	1.17			.02	.03	.03	.02						.80					.07	.21							.22		2.62	
SYLVANIA			.47	2.55					.02	.23	.07										.60	.83	.36								5.13	
TALLADEGA		.01	.10	1.74				.84	.01					.03							.28	.68									3.69	
TALLADEGA RRN MT TR		.02	1.28	.33			.02	1.45	.01	.03											.51	.12									3.89	
THOMASVILLE			.04	.34				.14	.54												.03	.15										

ALABAMA
JUNE 195

Table 4

Station	A. M. Hour ending												P. M. Hour ending												Total	
	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12		
	-1st-																									
PLEASANT HILL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	-2d-																									
ABBEVILLE																	.04	.02	.06						.12	
ADDISON																	.06	.46	.40	.04	.02	.02	.01	.01	1.04	
ASHLAND	//																		.07						.08	
ATMORE STATE FARM													.04	.01	.07	.33	.02	.02							.49	
AUBURN SCS 10																									.95	
BELGREEN														.30	.20	.01		.49	.09	.01		.02	.08		1.20	
BERRY																	.75	.15		.03		.01	.01		.95	
BEXAR 2 SE						.08		.01								.01	.03	.77	.16	.06	.03	.05	.05	.05	.02	1.32
BIRMINGHAM WB APT																	.04	.05	.10		.03	.01	.02		.22	
BOAZ																				.09	.06		.01		.16	
CAMPBELL													.02	.02			.01								.05	
DADEVILLE NO 2																	.14	.04	.02		.01				.18	
DOTHAN CAA AIRPORT																	.15	.08	.02	.02		.03	.01		.28	
EUTAW LOCK NO 7																	.02	.01		.02					.09	
EVERGREEN CAA APT	6							*	*	*	*	*	.11	*	*	*	*	*	*		.49					
FLAT ROCK																					.27	.13	.20		.60	
FORT MORGAN	//												15							.08	.01				.15	
FORT PAYNE																									.09	
GARDEN CITY																		.01	.01	.57	.06	.03	.02		.70	
GREENVILLE NO 2																	.10	.06	.04						.20	
GUNTERSVILLE REC																				.10	.36		.05		.51	
HALEYVILLE																		.39	.10	.01	.27	.14	.04	.02	1.34	
HUNTSVILLE	6																*	*	*	20	*	*	*	*	.20	
JACKSON LOCK 1												.10	.04	.03	.01	.02			.01						.07	
LAY DAM																		.01	.05	.01					.20	
MAGNOLIA																	.05								.05	
MARION 1 SSE																		.05							.05	
MIDWAY																			.30	.23					.53	
MOBILE WB AIRPORT	6							*	*	*	*	*	.18	*	*	*	*	*	*		.11				.86	
MOBILE WB CITY												.04	.06												.22	
MONTGOMERY WB APT	6																	.54	*	*	*	*	*	*	.32	
MONTGOMERY WB CITY																				.13	.05				.18	
MOULTON									.14	.04	*	*	*	*	*	*	*	.03	.29	.20	.10	.01	.01	.08	.90	
MUSCLE SHOALS CAA A	6	*	*	*	*	*	*	*	.06	*	*	*	.02	*	*	*	*	*	*	.07	*	*	*	*	*	
NEW BROCKTON												.03													.03	
PAINT ROCK																			.40	.01	.59	.09			1.09	
PETERMAN														.05	.23		.16	.01							.45	
THORSBY 1 SW																	.06	.03	.01						.10	
TONEY											.40							.05	.01	.09		.10	.02	.13	.80	
TRAFFORD																			.55	.24	.02	.01			.82	
TUSCALOOSA CAA APT	6													*	*	*	*	*	*	.32	*	*	*	*	*	
UNIVERSITY													.01	.01	.28	.03	.02	.01		.32	*	*	*	*	.36	
VERNON														.02	.01	.04	.13	.11	.01						.37	
WIDOWS CREEK STM PLT																	.82				.37	.26			1.45	
	-3d-																									
ADDISON														.28	.17	.12	.13	.17	.04	.01	.05	.02	.06	.40	1.45	
ANNISTON WB AIRPORT	6													*	*	*	*	*	*	.17	*	*	*	*	*	
ASHLAND	//																.05	.03							.08	
AUBURN SCS 10																				.20	.20				.40	
BELGREEN		.02	.04								.04			.10		.10	.20	.08					.04	.08	.70	
BERRY													.03	.17	.15		.04	.04	.01						.40	
BEXAR 2 SE		.01	.02								.01	.01	.23	.01	.05	.24	.12	.02			.26	.15	.43	.06	1.62	
BIRMINGHAM WB APT																	.01	.01		.01	.03	.04	.01		.11	
BOAZ																	.01	.02	.01	.04	.01	.01	.01		.11	
CAMPBELL												.01	.01	.01	.01	.01	.01	.02	.01						.03	
DADEVILLE NO 2									.30				.01				.01								.32	
EUTAW LOCK NO 7											.01		.02				.02								.04	
EVERGREEN CAA APT	6													*	*	*	*	*	*	.01						
FLAT ROCK																									.40	
FORT MORGAN										.01	.01						.20	.02	.03	.04	.04		.01	.05	.41	
FORT PAYNE																			.03	.01					.01	
GARDEN CITY			.01	.01		.01												.04	.04						.09	
GUNTERSVILLE REC																									.40	
HALEYVILLE		.01			.01	.02	.02	.01	.04		.01	.04	.01	.01	.07	.23	.21	.02			.02	.15	.53	.13	1.64	
HUNTSVILLE	6	.15			.01	.02	.02	.01	.04		.01	.04	.01	.01	.07	.23	.21	.02			.02	.15	.53	.13	1.43	
JACKSONVILLE																	.11	.02	.01						.38	
LAY DAM														.01	.01	.03				.01		.04	.02	.17	.07	
MAGNOLIA										.01	.06	.01	.01	.01	.01	.01	.01	.01							.12	
MARION 1 SSE											.10	.01					*	*	*	.01					.13	
MONTGOMERY WB APT	6													*	*	*	*	*	*	.01					.01	
MONTGOMERY WB CITY																	.01								.01	
MOULTON		.01						.07	*	*	*	.02		.02	.08	.12	.08	*		.57	*	*	*	*	.04	
MUSCLE SHOALS CAA A	6	.18	*	*	*	*	*	.09	*	*	*	*	.07	*	*	*	*	*	*	.06	.09	.03	*	*	*	
PAINT ROCK			.01													.02	.02		.06						.42	
PETERMAN			.02		.01	.01																			.06	
THORSBY 1 SW																									.01	
TONEY			.04	.01													.18	.02	.34	.01					.55	
TRAFFORD																	.03	.12		.17			.01	.02	.40	
TUSCALOOSA CAA APT	6	.07				.01		*	*	*	*	.01	.01	*	*	*	.01	.01	*	.26	*	.01	.01	*	.08	
UNIVERSITY						.02					.01		.01	.01	.04	.06	.19								.20	
VERNON					.01	.01		.01	.01			.01	.01	.01	.04	.78	.19			.12			.01	.03	1.20	
WIDOWS CREEK STM PLT																.09							.22	.01	.32	
	-4th-																									
ABBEVILLE											.01	.03	.06	.08	.02										.20	
ADDISON		.24	.06																						.30	
ANNISTON WB AIRPORT	6	.02	*	*	*	*	3.60																			
ASHLAND				.01	.01	.06	1.26	.21	.08	.07	.01														1.71	
ATMORE STATE FARM			.02	.01	.21	.01																			.25	
BEXAR 2 SE		.01									.05														.06	
BIRMINGHAM WB APT																									.41	
BOAZ			.73	.03	.01		.15	.02																	.94	
CAMPBELL																									.19	
DOTHAN CAA AIRPORT																									.52	
EUTAW LOCK NO 7																										

HOURLY PRECIPITATION

ALABAMA
JUNE 1950

Table 4-Continued

Station		A. M. Hour ending												P. M. Hour ending												Total
		1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	
MOBILE WB AIRPORT	6	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	65
MOBILE WB CITY																										
MONTGOMERY WB APT	6					.65	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	65
MONTGOMERY WB CITY																										
MOULTON																										
MUSCLE SHOALS CAA A	6	.01	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	41
NEW BROCKTON																										06
PAINT ROCK		.49	.22	.	.01	.02	.01	.01	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	05
PETERMAN				.02	.03	.02	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	73
THORNSBY 1 SW			.02	.01	.52	.32	.06	.02	.20	.02	.01	.	.08	.01	.	.	.	.	.	.	.	.	.	.	.	14
TONEY		.08	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1.18
TRAFFORD				.01	.02	.01	.01	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.08
TUSCALOOSA CAA APT	6	.10	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.05
UNIVERSITY			.04	.01	.02	.01	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.08
VERNON				.01	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.02
WIDOWS CREEK STM PLT		.72	.03	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.75
-6th-																										
ATMORE STATE FARM	6																									
EVERGREEN CAA APT	//																									
FORT MORGAN																										
JACKSON LOCK 1																										
MOBILE WB AIRPORT	6																									
MOBILE WB CITY																										
PETERMAN																										
-7th-																										
ABBEVILLE																										
ATMORE STATE FARM		.02	.01	.01	.01	.09	.03	.02	.	.	.31	.	.04	.02	.90	.79	.01	.01	.	.	.	.	.	.	.	2.17
AUBURN SCS 10																										
CAMPBELL		.05	.	.	.	.	.	.	.	.	.	.	.	.	.10	.01	.06	.10	.25	.15	.	.	.	.	.07	27
DADEVILLE NO 2																										60
DOTHAN CAA AIRPORT					.01	.03	.01	.	.01	.	.	.14	.07	.04	.01	.06	.08	.02	.05	.	.	.	.	.	.	34
EUTAW LOCK NO 7														.09	.05	.01	.05	.03	.	.	.	.	.	.	.	12
EVERGREEN CAA APT	6	.18	.	.	.	.	.	.02	.01	.	.	.	.	.04	.	.	.	.	.	.	.	.	.	.	.	60
FORT MORGAN	//				.01	.01	.	.	.	.	.11	.	.	.	.	.	.	.	.	.	.	.	.	.	.	11
GREENVILLE NO 2		.02	.02	.04	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	27
JACKSON LOCK 1														.52	.07	.01	.	.	.	.	.	.	.	.	70	
LAY DAM																									20	
MIDWAY																									25	
MOBILE WB AIRPORT	6	.25	.	.	.	.	.	.69	.	.	.	.	.29	.02	.01	.08	.14	.	.	.	.	.	.	.	.	55
MOBILE WB CITY					.01	.01	.02	.02	.02	.10	.	.	.	.43	.	.	.	.	.	.	.	.	.	.	.
MONTGOMERY WB APT	6													.11	.	.	.	.	.	.	.	.	.	.	.	62
MONTGOMERY WB CITY														.02	.	.	.	.	.	.	.	.	.	.	.
NEW BROCKTON					.03	.01	.01	.	.	.	.	.02	.	.	.	.	.	.	.	.	.	.	.	.	.	02
PETERMAN		.03	.02	.01	.03	.01	.04	.01	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	05
RIVER FALLS 2 NE					.01	.	.	.02	.01	.16	.02	.	.	.	.	.	.	.	.	.	.	.	.	.	.	47
THORNSBY 1 SW																									22	
TUSCALOOSA CAA APT	6													.20	.10	.	.	.	.	.	.	.	.	.	.	30
UNIVERSITY														.15	.02	.01	.	.	.	.	.	.	.	.	.	18
-8th-																										
ABBEVILLE																										
ADDISON														.97	.01	.01	.	.	.	.	.	.	.	.	.	1.00
ANNISTON WB AIRPORT	6													.19	.	.	.	.	.	.	.	.	.	.	.	20
ASHLAND	//													.	.	.	.	.	.	.	.	.	.	.	.
ATMORE STATE FARM																										
BIRMINGHAM WB APT																										
BOAZ																										
CAMPBELL														.27	.04	.	.	.	.	.	.	.	.	.	.	26
DADEVILLE NO 2																										32
DOTHAN CAA AIRPORT														.06	.01	.	.	.	.	.	.	.	.	.	.	08
EVERGREEN CAA APT	6													.10	.	.	.	.	.	.	.	.	.	.	.	10
FORT PAYNE																										1.09
GARDEN CITY																										10
GREENVILLE NO 2																										
GUNTERSVILLE REC														.02	.01	.05	.04	.55	.70	.	.	.	.	.	.	13
JACKSON LOCK 1																										1.25
JACKSONVILLE														.20	.05	.01	.60	.50	.50	.08	.	.	.	.	.	2.69
LAY DAM																										35
MAGNOLIA																										94
MARION 1 SSE														.16	.01	.01	.01	.01	.01	.	.	.	.	.	.	20
MIDWAY																										69
MOBILE WB AIRPORT	6	.02	.	.	.	.	.	.	.	.	.	.	.	.05	.	.	.	.	.	.	.	.	.	.	.	79
MOBILE WB CITY					.03	.	.	.	.	.	.	.	.													10
MONTGOMERY WB APT	6													.02	.	.	.	.	.	.	.	.	.	.	.	03
MONTGOMERY WB CITY														.16	.	.	.	.	.	.	.	.	.	.	.	22
MOULTON														.02	.	.	.	.	.	.	.	.	.	.	.	10
MUSCLE SHOALS CAA A	6													.02	.	.	.	.	.	.	.	.	.	.	.
NEW BROCKTON														.32	.06	.11	.02	.05	.01	.	.	.	.	.	.	52
PAINT ROCK																										05
PETERMAN																										
RIVER FALLS 2 NE					.01	.03	.01	.	.	.	.	.	.	.60	.77	.09	.03	.01	.	.	.	.	.	.	.	1.55
THORNSBY 1 SW														.06	.93	.	.	.	.	.	.	.	.	.	.	09
TRACY														.03	.	.	.	.	.	.	.	.	.	.	.	05
TUSCALOOSA CAA APT	6													.01	.01	.	.	.	.	.	.	.	.	.	.	33
UNIVERSITY																										
-9th-																										
ABBEVILLE																										
ADDISON																										
ANNISTON WB AIRPORT	6	.08	.	.	.	.	.	.	.	.	.	.	.	.01	.08	.01	.07	.01	.09	.	.	.	.	.	.	32
ASHLAND	//																									

ALABAMA
JUNE 1950

A M Hour ending

P. M. Hour ending

See reference notes following Station Index.

ALABAMA
JUNE 1950

Station

A. M. Hour ending

P. M. Hour ending

Total

See reference notes following Station Index.

DAILY TEMPERATURES

ALABAMA
JUNE 1950

Table 5

Station	Day of month																															Average
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
ALBERTVILLE 1 S	MAX MIN	80 59	78 57	82 60	82 61	78 57	82 59	78 56	86 61	84 66	81 65	80 62	83 66	89 68	91 65	95 68	96 69	96 69	93 67	90 68	89 70	84 65	88 57	94 59	96 64	95 65	91 68	93 65	89 58	88 57	90 56	87.4 62.9
ALEXANDER CTY 6 NE	MAX MIN	88 58	86 79	79 66	81 69	80 53	86 56	74 64	87 69	85 67	84 62	88 64	88 58	89 63	91 62	94 65	93 66	96 64	96 66	93 66	86 66	89 61	91 68	94 64	95 60	96 60	97 63	97 66	96 58	91 59	89 57	89.3 63.1
ANDALUSIA	MAX MIN	88 65	92 69	85 73	85 74	86 60	84 64	86 69	86 81	87 90	87 90	91 69	92 66	91 66	91 68	96 70	96 70	95 71	98 71	98 72	92 72	91 72	95 72	94 73	95 74	97 72	99 74	98 71	100 71	98 69	96 67	92.2 69.6
ANNISTON WBAIRPORT	MAX MIN	86 59	86 66	81 69	78 60	79 53	83 59	78 65	84 67	86 67	82 68	87 68	88 68	90 65	92 65	95 65	95 64	96 67	93 71	86 71	87 71	90 70	92 70	93 70	94 69	95 66	94 62	95 65	89 69	89 59	87 61	88.5 64.6
ATMORE STATE FARM	MAX MIN	95 67	86 70	83 71	84 73	83 60	85 64	83 68	87 67	90 72	86 71	91 68	90 66	94 68	94 68	96 71	99 72	99 73	89 73	87 73	87 73	93 74	95 75	97 74	98 76	98 74	101 75	98 70	95 70	93 67	91.8 70.5	
AUBURN	MAX MIN	85 60	90 69	88 68	80 71	80 56	83 63	80 69	83 67	78 68	84 65	85 70	88 61	88 68	88 68	92 67	94 69	94 69	95 70	92 76	85 72	89 70	90 71	91 69	95 69	96 71	98 71	98 67	96 64	94 65	89.2 67.7	
RAY MINETTE	MAX MIN	89 67	82 70	81 73	83 72	84 61	81 65	75 67	85 67	89 68	93 70	90 69	90 65	94 68	94 65	95 65	96 65	92 67	92 70	88 71	85 71	90 70	92 73	94 74	96 73	97 74	97 74	98 70	97 69	93 68	92 68	90.1 70.3
BELLE MINA 2 N	MAX MIN	83 55	81 64	78 60	75 55	80 48	80 55	81 60	83 63	81 63	81 67	86 63	88 59	92 66	93 66	93 68	95 68	96 70	95 70	90 74	90 69	90 69	91 69	93 68	94 66	96 66	96 71	90 56	89 56	86 57	87.5 63.7	
BIRMINGHAM WB APT	MAX MIN	85 60	85 69	79 70	73 55	79 51	81 59	79 69	83 68	86 70	86 68	88 64	91 59	93 64	94 67	95 68	95 69	96 72	87 69	84 70	89 69	91 72	93 72	93 69	95 66	95 69	90 68	92 61	87 62	84 60	87.5 66.0	
BIRMINGHAM WB CITY	MAX MIN	89 63	86 70	77 68	73 66	82 52	84 62	80 58	85 62	85 68	84 68	90 61	90 68	92 66	94 71	97 71	97 73	97 73	93 72	89 72	84 72	90 73	93 75	95 72	95 73	97 70	93 74	94 75	89 65	85 62	89.2 68.1	
BREWTON 3 SSE	MAX MIN	93 60	85 68	81 71	87 74	84 56	84 55	86 68	86 67	86 67	88 67	92 64	90 58	93 58	95 66	96 66	96 66	99 66	99 68	87 67	89 71	91 68	93 68	94 68	96 68	98 68	98 78	101 66	98 66	94 63	91.9 66.1	
CAMDEN	MAX MIN	90 63	85 68	81 70	80 60	83 60	84 60	85 68	87 67	90 69	88 69	89 65	91 62	90 68	94 69	95 71	98 70	98 72	93 72	86 73	90 72	95 74	95 73	99 74	100 71	100 72	98 74	98 65	95 66	93 65	91.2 68.7	
CAMP HILL 2 NW	MAX MIN	84 60	85 69	80 62	78 53	80 52	80 58	75 59	82 65	83 66	83 62	85 65	88 62	90 64	91 64	93 65	95 65	90 66	86 69	86 65	91 70	93 68	94 70	95 68	95 65	97 63	95 69	97 61	91 59	91 59	88.1 63.3	
CENTREVILLE	MAX MIN	88 69	90 70	88 65	78 65	84 62	86 65	86 72	85 76	82 72	83 74	89 73	89 65	93 73	95 68	96 74	96 76	99 76	98 76	95 76	92 76	88 73	93 78	94 78	98 72	98 68	98 72	96 75	95 72	90 70	91.2 70.9	
CHATOM	MAX MIN	92 60	84 63	80 69	79 68	85 54	79 57	80 66	86 67	88 69	90 67	91 67	91 64	94 56	94 61	97 64	95 66	98 65	96 65	86 66	85 69	90 66	93 71	95 72	97 72	97 70	98 66	100 71	98 65	94 62	90.8 65.2	
CITRONELLE	MAX MIN	89 70	80 71	79 72	78 62	82 66	76 66	75 68	80 68	85 71	84 72	90 72	90 67	91 68	91 71	92 74	92 70	94 72	91 72	83 73	81 71	90 75	92 74	94 73	94 74	96 74	97 76	96 72	91 71	90 70	87.9 71.1	
CLANTON	MAX MIN	88 62	89 69	87 67	78 54	79 62	82 54	82 68	78 66	84 69	86 67	88 69	89 62	91 68	92 68	95 68	94 69	97 69	97 72	94 73	88 70	86 72	92 73	95 72	97 66	98 71	99 73	99 62	96 65	92 62	90.0 67.3	
CORDOVA	MAX MIN	87 85	86 58	89 68	78 60	86 58	84 55	81 63	89 65	89 68	87 65	87 70	87 65	91 69	94 65	95 67	95 67	98 65	96 70	89 70	85 70	87 70	92 74	93 74	95 74	96 74	89 60	94 65	90 65	85 66	89.6 66.9	
DAYTON	MAX MIN	91 64	80 70	88 70	88 65	84 52	82 62	85 69	88 68	90 70	89 71	89 65	92 65	93 69	95 70	95 75	97 72	96 72	95 73	90 71	93 72	93 74	95 72	96 70	97 70	97 74	95 64	90 68	90 63	91.1 68.8		
DECATUR	MAX MIN	80 61	78 61	77 66	71 66	78 54	82 61	82 65	83 66	78 67	81 70	84 66	82 61	88 70	90 61	93 70	92 73	95 73	86 73	80 70	89 72	90 71	92 72	94 69	93 71	94 69	93 72	88 76	87 63	84 63	85.8 67.1	
DOTHAN CAA AIRPORT	MAX MIN	94 64	90 68	90 73	89 66	85 61	88 65	76 68	89 68	89 68	91 68	92 65	93 69	94 70	95 70	96 70	97 72	97 74	93 72	88 72	83 71	95 75	95 73	98 73	100 73	101 73	102 71	98 76	95 70	93 69	92.9 69.7	
EUFULA	MAX MIN	91 63	87 66	86 69	84 73	86 60	85 65	87 67	85 60	91 67	94 67	86 70	91 63	97 68	98 70	100 68	95 69	87 71	85 73	98 71	95 70	99 73	102 71	103 71	103 67	102 68	101 73	98 71	96 66	93.7 68.4		
EVERGREEN CAA APT	MAX MIN	94 61	84 67	84 73	83 64	86 58	86 60	83 69	87 68	88 68	88 69	91 69	90 63	94 63	96 64	96 71	98 68	98 66	88 71	88 69	90 70	95 69	95 70	98 68	99 66	98 66	99 72	98 68	95 61	94 61	91.8 66.5	
FAIRHOPE	MAX MIN	92 66	83 70	83 74	87 60	83 64	80 64	78 67	87 68	90 71	87 68	89 65	90 68	90 68	91 69	93 68	91 68	86 72	87 70	88 73	89 75	92 74	92 75	95 76	97 78	97 75	96 70	96 69	93 66	92 65	89.2 69.9	
FAYETTE	MAX MIN	86 58	86 65	83 65	78 64	81 48	82 59	81 65	82 67	88 66	79 67	88 66	88 57	94 56	95 66	95 65	95 65	96 65	92 67	88 70	90 68	90 68	92 65	95 61	96 64	98 69	94 57	94 58	91 56	88.4 63.3		
FORT MORGAN	MAX MIN	95 73	84 69	82 73	86 68	82 64	80 69	80 68	85 72	85 75	86 76	88 74	88 71	89 75	92 70	92 75	88 70	88 79	87 74	89 76	88 77	88 78	89 79	89 80	92 80	96 79	96 80	93 78	92 79	91 76	87.9 75.2	
FRISCO CITY	MAX MIN	90 65	94 69	83 72	82 73	81 58	83 67	84 68	80 68	87 70	89 71	87 68	91 64	90 68	93 69	92 71	95 71	97 70	98 69	96 72	85 72	87 71	87 74	92 72	93 71	96 71	98 74	98 67	97 65	94 65	90.6 69.1	
GADSDEN	MAX MIN	83 57	86 62	86 67	81 68	80 56	84 61	81 66	85 67	87 63	84 64	88 53	89 58	94 63	97 62	97 64	98 65	98 65	96 68	96 66	85 70	82 70	82 66	95 64	95 62	97 64	97 70	95 64				

DAILY TEMPERATURES

Table 5-Continued

ALABAMA
JUNE 1950

Station		Day of month																														Average	
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30		31
MADISON	MAX	82	80	81	76	72	80	82	84	88	80	81	83	85	90	91	93	92	93	95	93	85	85	88	92	92	94	94	90	88	86	86.5	
	MIN	64	57	67	63	56	57	57	68	69	70	68	60	61	65	69	70	73	74	73	71	70	69	71	72	71	71	71	63	64	63	66.6	
MARION JUNCTION 2 N	MAX	90	87	80	76	83	83	83	87	89	89	89	89	91	93	94	94	97	98	94		90	92	96	96	94	95	94	95	89	88	90.2	
	MIN	63	69	69	68	55	62	69	65	68	69	69	62	62	68	68	68	68	70		70	71	72	71	70	68	67	72	63	65	64	67.1	
MAXWELL FIELD	MAX	90	89	85	83	84	85	81	86	87	86	92	90	92	92	95	96	97	99	94	89	86	94	95	97	98	99	98	98	94	91	91.4	
	MIN	67	72	72	64	61	68	72	70	71	69	72	67	69	71	73	74	75	76	74	75	75	77	76	74	74	72	77	70	69	70	71.5	
MOBILE WB AIRPORT	MAX	88	82	82	83	84	80	79	85	86	85	92	93	92	92	94	95	95	92	87	83	88	90	91	93	95	96	99	96	94	91	89.4	
	MIN	67	70	75	67	63	67	67	68	72	72	71	70	69	69	71	72	71	73	73	71	73	74	73	73	74	75	74	72	73	69	70.9	
MOBILE WB CITY	MAX	87	82	82	84	85	82	79	85	87	86	91	92	93	92	92	94	98	91	88	86	90	92	90	90	97	98	100	98	93	93	89.9	
	MIN	72	72	79	68	64	69	69	72	74	75	75	72	70	74	73	75	73	77	76	74	77	77	76	76	76	79	78	74	75	71	73.7	
MONTGOMERY WB APT	MAX	91	88	85	82	83	84	80	85	86	85	90	90	91	91	94	94	96	98	93	89	89	93	94	96	97	98	99	97	93	91	90.7	
	MIN	64	70	70	62	58	64	69	67	68	67	70	62	66	68	71	72	72	73	72	74	73	74	74	71	72	70	75	67	66	65	68.9	
MONTGOMERY WB CITY	MAX	91	86	83	82	82	83	78	83	86	85	90	89	90	92	95	94	97	97	92	87	87	93	94	96	97	97	97	97	92	89	90.0	
	MIN	67	70	70	63	60	66	69	68	69	69	72	67	70	73	72	72	74	75	73	74	74	75	75	74	74	74	77	70	70	69	70.8	
MUSCLE SHOALS CAA A	MAX	78	77	75	73	76	80	83	84	83	84	84	84	89	94	94	95	97	97	94	82	83	90	93	92	95	98	89	88	83	82	86.5	
	MIN	61	66	66	58	54	60	64	67	70	67	67	62	62	67	70	71	72	72	74	73	71	71	72	72	69	70	67	62	64	62	66.8	
ONEONTA	MAX	86	88	84	79	78	80	82	80	88	86	79	88	88	90	92	96	94	95	97	96	93	82	90	93	92	93	95	92	92	88	88.5	
	MIN	54	58	62	66	64	66	55	65	67	66	68	55	58	60	64	66	62	67	72	70	68	68	67	66	64	67	68	60	58	57	63.6	
OZARK	MAX	90	88	87	87	83	86	82	86	87	88	89	88	92	93	94	93	97	97	94	90	97	95	96	97	99	99	101	99	98	95	92.2	
	MIN	66	69	71	74	59	65	69	68	67	68	71	64	68	69	70	69	72	74	70	74	70	73	74	73	73	72	76	72	70	69	70.0	
PRATTVILLE	MAX	91	87	82	82	83	84	80	87	86	86	89	89	91	93	94	94	96	98	94	88	88	93	94	96	97	97	96	96	96	95	90.7	
	MIN	63	67	70	68	58	65	72	68	69	67	70	61	65	68	68	68	70	70	70	73	72	74	73	69	67	67	66	63	62	65	67.6	
PUSHMATAHA	MAX	89	87	83	80	79	80	85	89	86	88	89	88	92	92	95	95	98	97	93	85	88	90	91	93	94	95	97	95	95	95	89.6	
	MIN	62	68	71	69	65	56	58	68	65	71	68	63	59	65	69	69	69	73	73	73	70	74	74	74	73	74	76	65	65	64	68.1	
ROBERTSDALE 7 E	MAX	88	84	82	86	83	80	77	85	87	84	90	91	91	89	90	92	94	90	87	86	88	89	92	92	94	95	97	95	93	90	88.7	
	MIN	66	70	74	70	58	63	66	69	71	69	71	68	64	65	68	68	69	73	71	70	72	75	73	73	73	76	74	70	70	67	69.5	
ROCK MILLS	MAX	92	87	83	84	80	85	81	85	85	85	90	90	89	90	94	97	96	97	96	90	88	91	94	97	97	98	98	98	97	90	90.8	
	MIN	58	62	68	68	55	55	64	66	67	64	66	57	62	62	65	66	64	66	68	73	71	70	70	66	60	64	68	61	61	60	64.2	
SAINT BERNARD	MAX	81	82	84	78	69	77	81	79	86	85	78	84	85	89	92	93	94	94	95	83	86	79	89	92	92	94	94	90	89	86	86.3	
	MIN	59	64	65	64	52	56	61	64	65	65	67	58	58	69	65	62	67	67	68	68	68	67	68	66	64	66	71	60	61	59	63.8	
SAND MTN STA FRR AP	MAX	80	83	77	77	75	78	78	79	80	77	81	82	83	88	89	89	91	92	89	85	77	86	87	88	89	89	88	88	83	81	83.6	
	MIN	59	65	64	62	50	57	63	62	65	66	66	67	66	68	65	67	67	67	70	69	67	67	68	68	68	68	70	59	61	57	64.0	
SCOTTSBORO	MAX	80	84	79	74	79	81	80	83	84	82	86	87	89	93	94	95	95	97	95	89	80	89	90	92	93	95	94	91	88	86	87.5	
	MIN	56	62	62	65	48	56	60	62	68	66	63	56	60	68	69	68	67	66	70	68	63	68	68	67	65	65	70	57	55	60	63.3	
SELMA	MAX	93	89	82	79	84	88	83	88	90	86	91	91	94	91	96	97	98	99	94	87	90	95	95	97	98	98	97	99	93	91	91.8	
	MIN	65	70	70	70	57	64	71	67	69	69	70	63	64	70	70	71	72	74	73	73	72	73	74	72	69	70	74	65	68	66	69.2	
SPRING HILL	MAX	89	89	81	82	83		83	79	83	89	86	91	93	94	93	92	94	97	92	87	81	89	92		94	96	98	99	97	93	89.9	
	MIN	69	74	70	76	63		67	68	74	73	76	72	69	69	71	74	73	75	75	72	72	76	75		74	77	75	71	72	70	72.2	
TALLADEGA	MAX	88	87	81	78	80		82	78	86	85	81	88	87	87	91	93	94	94	95	93	86	87	90	91	93	95	94	93	89	86	88.2	
	MIN	60	65	68	67	52		58	69	68	68	64	68	55	63	66	66	66	65	66	72	71	71	69	70	66	61	66	70	58	60	59	64.9
THOMASVILLE	MAX	90	85	80	77	80		82	83	84	86	89	89	89	93	92	94	94	97	98	92	84	89	94	95	98	98	97	97	97	90	90.1	
	MIN	65	69	71	72	60		62	68	67	69	70	69	67	65	69	69	71	70	71	71	70	70	74	73	72	71	72	75	66	68	66	69.1
TROY	MAX	86	90	85	86	86		83	85	80	85	85	90	88	92	93	95	94	97	99	93	92	93	95	95	97	98	98	99	97	95	91.3	
	MIN	66	69	71	72	58		64	70	67	67	67	71	65	68	69	70	71	72	74	71	72	71	74	74	72	73	72	76	70	69	67	69.7
TUSCALOOSA CAA APT	MAX	89	88	81	75	81		87	85	90	90	88	90	90	94	95	97	97	98	99	95	90	85	91	94	95	96	98	92	94	90	90.6	
	MIN	63																															

DAILY PRECIPITATION

ALABAMA
DELAYED DATA

Table 3

Station	Day of month																															Total
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
FEBRUARY 1949																																
MERTZ 3 E					.35	.07	.05		.52	.51						2.55	.11		2.15								1.10					7.41
AUGUST 1949																																
HARRISBURG 6 SE																	.98		.52	.58											2.08	
MERTZ 3 E									.50					.75	.35				1.00	.60												3.20
DECEMBER 1949																																
ALICEVILLE					.50					.60	.56		.24		.30			.89						.85								3.94
FALLS CITY 6 NW				.30			.28			1.65		1.00	*	*	*	1.00			1.00				1.00			.25						5.48
SEALE 7 WNW				.10			.40					*	*	*		1.00							1.40	1.00						.40		3.30
TALLADEGA HRN MT TR							.45			.18		.50	.15	.56			T	.18				.51	.13			.06	.02					2.74
JANUARY 1950																																
DOAZ				.02	.17	1.93	1.56			.05	.65	.20	.05	.42		.25	.15	.15	.17	.36							.02	1.63	.08			7.96
MONTEVALLO							1.51			.10				1.02	.12	.52	.28	.10	.20	.10							.02	1.10			.10	4.15
FEBRUARY 1950																																
DOAZ	.08	.57	.95				.25	.40	.18	.53	.03			.56								.22	.15									3.92
APRIL 1950																																
MITCHELL DAM	.05			.02	2.17							.17						.08								.14	.72		.11	.32	.12	3.90
MAY 1950																																
DOAZ		.10	1.22							.53		.73	.15	.59	.05					.65								.02		.50		4.54

HOURLY PRECIPITATION

ALABAMA
DELAYED DATA

Table 4

Station	A. M. Hour ending												P. M. Hour ending												Σ
	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	
JANUARY 1950													-9TH-												
BOAZ										.01					.01	.01	.01								.04
													-10TH-												
BOAZ									.01	.01			.38	.09	.11	.05	.01								.66
													-11TH-												
BOAZ																					.01	.02	.02	.02	.07
													-12TH-												
BOAZ	.01	.01		.02	.02	.05	.04	.02	.03	.03															.23
													-13TH-												
BOAZ																							.05	.08	.13
													-14TH-												
BOAZ	.03	.05	.03	.10	.02	.04		.01	.01																.29
													-15TH-												
BOAZ																.04									.04
													-16TH-												
BOAZ			.13	.02	.04	.01																			.20
													-17TH-												
BOAZ				.12	.03	.01		.01	.01	.01	.12														.31
													-19TH-												
BOAZ							.17	.04	.05	.01	.18	.06	.01	.01											.53
													-25TH-												
BOAZ									.01	.01															.02
													-26TH-												
BOAZ																							.73	.45	1.18
													-27TH-												
BOAZ	.30	.01	.03	.06	.01						.01	.04	.03	.01											.50
													-31ST-												
BOAZ																						.06			.06
													-15TH-												
BOAZ															.01	.01	.02	.01							.05
													-19TH-												
BOAZ							.01	.01	.06	.03	.02	.13	.30	.07					.03	.03	.02				.71
													-20TH-												
BOAZ							.01	.01	.01																.03
													-23D-												
BOAZ																	.07								.07
													-24TH-												
BOAZ																.01	.02								
													-26TH-												
BOAZ																									
													-27TH-												
BOAZ																			.03	.01					.04
													-30TH-												
BOAZ														.30	.01						.12	.09			.52
													-31ST-												
BOAZ			.01				.01																		.02

ALABAMA
JUL 1950

REFERENCE NOTES

W.R.P.C., Chattanooga, Tenn. --- 8/17/50 --- 1250

U. S. DEPARTMENT OF COMMERCE

CHARLES SAWYER, Secretary

WEATHER BUREAU

F. W. REICHELDERFER, Chief

CLIMATOLOGICAL DATA

ALABAMA

JULY 1950

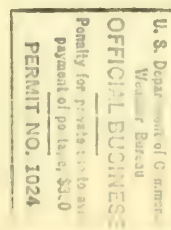
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CHATTANOOGA: 1950



A. R. Long, Section Director - Montgomery

WEATHER SUMMARY

July 1950 may be briefly described as being wet and with temperature much of the time rather mild for the time of year.

Periods of generally fair weather were brief. There was a very wet spell with heavy accumulations of precipitation from the 11th to the 17th. Rain was also frequent from the 26th to the 31st when there were some heavy local accumulations. Only a few stations had less than normal precipitation, and there were no local droughts of importance after the 10th.

It was exceptionally cool on the morning of the 1st, particularly in the north, where minimum temperatures were mostly in the low and middle fifties. Temperatures were near normal from the 2d to the 4th and from the 18th to the 25th. At other times they were mostly several degrees below normal.

The abundance of moisture during the last three weeks caused rapid growth and development of farm crops and pasture grasses. The rains came too late, however, to save early corn in the south which was in the fruiting stage during the June drought. The wet weather was also unfavorable for cotton, since it promoted weevil activity and interfered with poisoning operations. The additional "weed" growth also made weevil control more difficult.

Two deaths by lightning came to the attention of this office. On the 14th, a 12-year old girl of Leeds was killed when lightning struck a clothes line while she was removing the family wash. On the 21st, at Roanoke, a 9-year old boy was killed, and another injured slightly, while playing under a small tent. This thunderstorm was very small and the bolt which hit was described as "about the only one that flashed."

At Talladega, also on the 21st, fire started by lightning destroyed one house and damaged a barn. A few trees were uprooted by wind accompanying this storm. Property damage was about \$5100, including about \$100 of wind damage.---F.C.P.

 ACKNOWLEDGMENTS

In addition to the climatological data from some 6,000 Weather Bureau and cooperative weather stations, this bulletin series contains records from Hydroclimatic Network Stations which were formerly reproduced in the Hydrologic Bulletin Series. The Hydroclimatic Network is a nationwide net of rain gages--mostly of the recording type which produce continuous records of precipitation. It was established in 1939 at the request of the Corps of Engineers, Department of the Army, to supplement existing precipitation stations in order to provide records of rainfall intensity which were essential to the planning of flood control and related works by the Corps of Engineers. This Network, now numbering about 2,000 recording, and 1,000 non-recording rain gages, has been maintained by the Weather Bureau through working funds transferred annually to the Weather Bureau by the Corps of Engineers. These transfers averaged about \$250,000 per year between 1940 and 1944, and nearly \$375,000 since that date. For the years 1940-42, the Department of Agriculture transferred about \$100,000 per year to provide data required in its work, and since 1947 the Bureau of Reclamation has transferred about \$25,000 per year to meet the increasing needs of their program in the Western States.

Previous to the introduction of this bulletin series, data from Hydroclimatic Network stations were presented in bulletins (Hydrologic Bulletins) which were issued monthly for each of 8 drainage areas embracing the entire United States, but since the Network was established to meet the internal requirements of the Federal agencies referred to above, no provision was made for public dissemination of the data, distribution being limited to cooperating agencies and to certain public repositories. A list of locations where reference copies of the Hydrologic Bulletin Series are available for inspection may be obtained upon application to Chief, U. S. Weather Bureau, Washington 25, D. C.

Many other records published in this bulletin have been made available through the cooperation of various public offices, private agencies, and individuals as listed in the Station Index.

SUPPLEMENTAL DATA

ALABAMA
JULY 1950

Station	Wind direction		Wind speed		Wind		Relative humidity averages - percent				Number of days with precipitation							Percent of possible sunshine	Average sky cover sunrise to sunset	Degree days 65° base
	Prevailing	Percent of time from prevailing	Average	Fastest mile	Direction of fastest mile	Date of fastest mile	12:20 a CST	6:30 a CST	12:30 p CST	6:30 p CST	Trace	01-09	10-49	50-99	100-199	200 and over	Total			
ANNISTON WB AP	SW	17	4.9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	See Table 2
BIRMINGHAM WB AP	SSW	14	6.0	34	SW	5	89	89	61	70	3	4	5	4	2	2	20	58	7.0	"
MOBILE WB CITY	S†	17†	7.8†	35	SE	11	92†	90†	74†	83†	1	5	6	3	5	0	20	39	7.3	"
MONTGOMERY WB CITY	SSW†	9†	5.4†	21	SW	26	89†	89†	60†	74†	5	4	5	2	3	0	19	54	6.7	"
† AIRPORT DATA																				

COMPARATIVE DATA

Table 1

Temperature			Precipitation		Year	Temperature			Precipitation		Year	Temperature			Precipitation	
Average	Highest	Lowest	Average	No. of days .01 or more		Average	Highest	Lowest	Average	No. of days .01 or more		Average	Highest	Lowest	Average	No. of days .01 or more
1884 80.9	104	54	5.84	11	1884	80.9	104	54	5.84	11	1884	80.9	104	54	5.84	11
1885 80.8	103	48	4.06	13	1885	80.8	103	48	4.06	13	1885	80.8	103	48	4.06	13
1886 79.4	100	54	4.06	9	1886	79.4	100	54	4.06	9	1886	79.4	100	54	4.06	9
1887 81.0	102	64	7.66	12	1887	81.0	102	64	7.66	12	1887	81.0	102	64	7.66	12
1888 81.5	100	64	3.26	7	1888	81.5	100	64	3.26	7	1888	81.5	100	64	3.26	7
1889 80.3	100	62	6.23	12	1889	80.3	100	62	6.23	12	1889	80.3	100	62	6.23	12
1890 80.0	105	60	5.70	9	1890	80.0	105	60	5.70	9	1890	80.0	105	60	5.70	9
1891 78.2	102	46	6.02	10	1891	78.2	102	46	6.02	10	1891	78.2	102	46	6.02	10
1892 78.6	102	58	8.93	17	1892	78.6	102	58	8.93	17	1892	78.6	102	58	8.93	17
1893 82.0	103	60	3.53	8	1893	82.0	103	60	3.53	8	1893	82.0	103	60	3.53	8
1894 78.7	103	56	5.00	12	1894	78.7	103	56	5.00	12	1894	78.7	103	56	5.00	12
1895 80.1	102	56	5.00	12	1895	80.1	102	56	5.00	12	1895	80.1	102	56	5.00	12
1896 81.0	105	50	5.31	8	1896	81.0	105	50	5.31	8	1896	81.0	105	50	5.31	8
1897 81.2	105	50	4.78	10	1897	81.2	105	50	4.78	10	1897	81.2	105	50	4.78	10
1898 80.0	103	51	6.07	14	1898	80.0	103	51	6.07	14	1898	80.0	103	51	6.07	14
1899 80.4	103	52	6.82	10	1899	80.4	103	52	6.82	10	1899	80.4	103	52	6.82	10
1900 79.9	102	56	4.89	11	1900	79.9	102	56	4.89	11	1900	79.9	102	56	4.89	11
1901 82.3	108	56	3.41	7	1901	82.3	108	56	3.41	7	1901	82.3	108	56	3.41	7
1902 82.8	109	53	2.51	7	1902	82.8	109	53	2.51	7	1902	82.8	109	53	2.51	7
1903 80.1	102	54	4.02	9	1903	80.1	102	54	4.02	9	1903	80.1	102	54	4.02	9
1904 78.5	103	54	4.88	11	1904	78.5	103	54	4.88	11	1904	78.5	103	54	4.88	11
1905 79.6	103	55	4.54	10	1905	79.6	103	55	4.54	10	1905	79.6	103	55	4.54	10
1906 79.0	100	55	8.29	14	1906	79.0	100	55	8.29	14	1906	79.0	100	55	8.29	14
1907 81.0	104	56	5.04	10	1907	81.0	104	56	5.04	10	1907	81.0	104	56	5.04	10
1908 80.0	103	56	4.80	12	1908	80.0	103	56	4.80	12	1908	80.0	103	56	4.80	12
1909 80.0	101	50	4.54	9	1909	80.0	101	50	4.54	9	1909	80.0	101	50	4.54	9
1910 78.6	100	55	7.14	14	1910	78.6	100	55	7.14	14	1910	78.6	100	55	7.14	14
1911 78.0	102	50	5.66	12	1911	78.0	102	50	5.66	12	1911	78.0	102	50	5.66	12
1912 79.8	102	56	5.15	12	1912	79.8	102	56	5.15	12	1912	79.8	102	56	5.15	12
1913 81.1	106	51	5.00	12	1913	81.1	106	51	5.00	12	1913	81.1	106	51	5.00	12
1914 81.6	107	56	4.17	8	1914	81.6	107	56	4.17	8	1914	81.6	107	56	4.17	8
1915 80.4	105	52	5.24	8	1915	80.4	105	52	5.24	8	1915	80.4	105	52	5.24	8
1916 78.5	99	59	16.69	17	1916	78.5	99	59	16.69	17	1916	78.5	99	59	16.69	17
1917 79.6	101	54	6.04	13	1917	79.6	101	54	6.04	13	1917	79.6	101	54	6.04	13
1918 78.1	104	48	3.87	8	1918	78.1	104	48	3.87	8	1918	78.1	104	48	3.87	8
1919 79.6	102	56	6.64	12	1919	79.6	102	56	6.64	12	1919	79.6	102	56	6.64	12
1920 79.5	99	57	5.28	10	1920	79.5	99	57	5.28	10	1920	79.5	99	57	5.28	10
1921 81.4	103	59	5.17	12	1921	81.4	103	59	5.17	12	1921	81.4	103	59	5.17	12
1922 79.9	100	53	4.39	9	1922	79.9	100	53	4.39	9	1922	79.9	100	53	4.39	9
1923 78.5	101	48	5.23	11	1923	78.5	101	48	5.23	11	1923	78.5	101	48	5.23	11
1924 79.9	103	49	3.55	7	1924	79.9	103	49	3.55	7	1924	79.9	103	49	3.55	7
1925 81.7	106	54	4.89	10	1925	81.7	106	54	4.89	10	1925	81.7	106	54	4.89	10
1926 79.2	104	49	6.13	11	1926	79.2	104	49	6.13	11	1926	79.2	104	49	6.13	11
1927 80.3	105	55	4.03	9	1927	80.3	105	55	4.03	9	1927	80.3	105	55	4.03	9
1928 80.6	101	60	5.11	11	1928	80.6	101	60	5.11	11	1928	80.6	101	60	5.11	11
1929 79.9	99	58	3.78	9	1929	79.9	99	58	3.78	9	1929	79.9	99	58	3.78	9
1930 83.7	111	50	3.96	8	1930	83.7	111	50	3.96	8	1930	83.7	111	50	3.96	8
1931 81.8	104	58	5.83	12	1931	81.8	104	58	5.83	12	1931	81.8	104	58	5.83	12
1932 82.9	105	54	4.85	11	1932	82.9	105	54	4.85	11	1932	82.9	105	54	4.85	11
1933 79.4	105	52	7.46	14	1933	79.4	105	52	7.46	14	1933	79.4	105	52	7.46	14
1934 81.8	106	60	6.55	12	1934	81.8	106	60	6.55	12	1934	81.8	106	60	6.55	12
1935 81.3	103	60	4.77	11	1935	81.3	103	60	4.77	11	1935	81.3	103	60	4.77	11
1936 81.8	107	60	7.21	12	1936	81.8	107	60	7.21	12	1936	81.8	107	60	7.21	12
1937 80.0	101	49	4.47	9	1937	80.0	101	49	4.47	9	1937	80.0	101	49	4.47	9
1938 80.4	101	60	7.54	13	1938	80.4	101	60	7.54	13	1938	80.4	101	60	7.54	13
1939 80.9	105	58	4.82	11	1939	80.9	105	58	4.82	11	1939	80.9	105	58	4.82	11
1940 78.7	101	54	8.46	15	1940	78.7	101	54	8.46	15	1940	78.7	101	54	8.46	15
1941 80.6	100	57	7.97	16	1941	80.6	100	57	7.97	16	1941	80.6	100	57	7.97	16
1942 81.0	104	57	4.83	11	1942	81.0	104	57	4.83	11	1942	81.0	104	57	4.83	11
1943 82.0	104	60	4.72	11	1943	82.0	104	60	4.72	11	1943	82.0	104	60	4.72	11
1944 80.1	105	49	4.21	10	1944	80.1	105	49	4.21	10	1944	80.1	105	49	4.21	10
1945 80.3	102	56	5.75	12	1945	80.3	102	56	5.75	12	1945	80.3	102	56	5.75	12
1946 79.4	99	59	6.99	14	1946	79.4	99	59	6.99	14	1946	79.4	99	59	6.99	14
1947 77.7	100	41	3.48	7	1947	77.7	100	41	3.48	7	1947	77.7	100	41	3.48	7
1948 81.1	104	57	6.23	11	1948	81.1	104	57	6.23	11	1948	81.1	104	57	6.23	11
1949 80.8	101	64	6.71		1949	80.8	101	64	6.71		1949	80.8	101	64	6.71	
1950 78.3	99	48	8.99		1950	78.3	99	48	8.99		1950	78.3	99	48	8.99	
Period 80.3			5.61		Period	80.3			5.61		Period	80.3			5.61	

See reference notes following Station Index

Table 2

CLIMATOLOGICAL DATA

ALABAMA
JULY 19

Station	Temperature										Precipitation									
	Average	Departure from normal	Highest	Date	Lowest	Date	Degree days	No of days		Total	Departure from normal	Greatest day	Date	Snow, Sleet, Hail			No. of days			
								Max 90° or above	Min. 32° or below					Total	Max depth on ground at obsn.	Date	01 or more	25 or more	100 or more	
NORTHERN DIVISION																				
ALBERTVILLE 1 S	76.5	- 2.4	93	2	55	1	0	8	0	5.47	.46	1.18	16	.0	0		16	6	1	
ANNISTON WB AIRPORT	77.4		94	2	51	1	0	8	0			4.83	24	.0	0					
BELLE MINA 2 N	77.6		95	2+	52	1	0	12	0	7.58		2.75	15	.0	0		10	7	3	
BIRMINGHAM WB APT	77.6	- 2.2	93	20	54	1	0	10	0	13.70	8.53	3.13	12	.0	0		17	12	4	
BIRMINGHAM WB CITY	78.9	- 1.3	95	3	59	1	0	17	0	10.16	4.99	2.01	26	.0	0		19	12	3	
CORDOVA	81.3M	- 2.0	95	20			0	17	0	7.55	2.00	1.14	27	.0	0		14	12	1	
DECATUR	78.1	- 2.2	95	23	52	1	0	10	0	7.81	3.46	4.65	16	.0	0		14	6	1	
FAYETTE	76.8		96	3	50	1	0	17	0	4.68	.97	1.59	16	.0	0		16	6	1	
GADSDEN	77.0M	- 3.0	97	6	52	1	0	15	0	8.66	3.47	1.72	28	.0	0		16	9	4	
GOODWATER	77.6	- 2.2	93	21	55	1	0	11	0	5.77	.39	1.14	13	.0	0		12	8	2	
HALEYVILLE	75.8		90	5	58	1	0	1	0	8.06		2.73	16	.0	0		11	8	2	
HUNTSVILLE	77.7		93	19+	54	1	0	11	0	6.95	2.26	2.74	15	.0	0		13	7	2	
MADISON	78.6	- 1.2	92	3+	62	1	0	10	0	8.15	3.53	3.30	16	.0	0		13	6	3	
MUSCLE SHOALS CAA A	78.1	- 1.5	94	2	58	1	0	8	0	6.36	1.74	2.12	15	.0	0		12	5	3	
ONEONTA	76.8	- .6	95	6+	51	1	0	15	0	9.62	3.21	2.04	6	.0	0		14	11	2	
ROCK MILLS	77.9		96	2	52	1	0	16	0	5.98	.17	.89	13	.0	0		14	10	0	
SAINT BERNARD	76.3	- 1.9	93	6+	54	1	0	9	0	5.09	.23	1.45	14	.0	0		17	6	1	
SAND MTN STA FRM AP					53	1	0	0	0	7.93		1.58	26	.0	0		18		4	
SCOTTSBORO	77.1	- 1.2	93	2+	53	1	0	11	0	8.13	3.16	2.00	26	.0	0		17	7	3	
TALLADEGA	77.3	- 2.8	93	2+	51	1	0	8	0	10.94	5.58	2.03	12	.0	0		22	13	4	
TUSCALOOSA CAA APT	79.7	- 1.7	96	2+	54	1	0	19	0	7.51	2.02	2.69	30	.0	0		13	7	2	
UNIVERSITY	79.0	- 2.4	95	20	57	1	0	16	0	7.43	1.94			.0	0		14	7		
VALLEY HEAD	75.4	- 1.9	91	19+	48	1	0	10	0	6.34	6.33	1.80	24	.0	0		9	6	3	
DIVISION	77.7									7.72										
MIDDLE DIVISION																				
ALEXANDER CTY 6 NE	77.1		95	2	50	1	0	12	0	6.52		1.48	12	.0	0		17	7	2	
AUBURN	77.4	- 2.5	93	3	59	2	0	13	0	7.29	1.97	2.32	14	.0	0		15	6	2	
CAMDEN	79.4		97	2	59	1	0	15	0	8.06		2.59	12	.0	0		16	7	3	
CAMP HILL 2 NW	76.2		96	2	52	1	0	16	0	11.81		2.23	12	.0	0		17	12	5	
CENTREVILLE	80.2	.2	97	21	60	2	0	19	0	10.96	5.18	2.28	12	.0	0		11	9	4	
CLANTON	79.0	- 1.1	96	3	55	1	0	17	0	12.10	6.30	3.33	12	.0	0		16	11	3	
DAYTON	79.6		96	2	60	1	0	15	0	8.50		1.82	5	.0	0		17	10	4	
EUPAULA	79.1	- 1.7	99	21	64	1	0	14	0	7.90	1.74	1.02	30	.0	0		18	14	2	
GREENSBORO	79.6	- 1.0	96	2	60	1	0	20	0	6.73	1.46	1.53	13	.0	0		14	7	3	
GREENVILLE	78.4	- 1.5	96	2	63	1+	0	16	0	8.78	2.89	3.14	12	.0	0		18	8	3	
HIGHLAND HOME	78.0	- 2.0	96	2	61	1	0	16	0	10.95	5.08	2.13	12	.0	0		14	9	5	
LA FAYETTE	76.8		94	2	59	1+	0	11	0	8.03		1.83	27	.0	0		15	10	2	
LIVINGSTON	78.9	- 2.3	95	21	57	1	0	14	0	7.74	2.29	2.23	14	.0	0		11	9	2	
MARION JUNCTION 2 N	79.2		97	2	58	1	0	20	0	10.35		2.66	12	.0	0		13	9	5	
MAXWELL FIELD	81.2		69	19+	65	1	0	19	0	9.71		3.81	14	.0	0		14	6	4	
MONTGOMERY WB APT	79.4		96	2	60	1	0	17	0	7.92		2.20	12	.0	0		14	7	3	
MONTGOMERY WB CITY	79.7	- 2.0	95	2+	65	1	0	15	0	7.03	2.17	1.74	12	.0	0		14	6	3	
PRATTVILLE	79.4	- .7	96	2	58	1	0	16	0	10.38	4.93	2.33	12	.0	0		16	10	4	
PUSHMATAHA	77.8	- 2.8	94	22+	55	1	0	10	0	7.82	1.97	1.85	6	.0	0		16	8	3	
SELMA	80.5	- 1.1	98	2	59	1	0	24	0	11.24	6.12	2.33	12	.0	0		16	11	4	
THOMASVILLE	78.9	- 2.0	96	2	65	1+	0	13	0	5.73	.29	2.74	12	.0	0		13	6	1	
TROY	78.9	- 1.7	94	20+	65	1+	0	15	0	10.79	5.09	1.42	12+	.0	0		16	13	5	
TUSKEGEE	78.8	- 2.1	95	3+	61	2	0	16	0	13.37	8.55	3.00	13	.0	0		15	10	6	
UNION SPRINGS	77.7	- 3.4	95	22+	60	1	0	13	0	8.78	3.73	2.97	31	.0	0		12	8	2	
WETUMPKA	79.6	- 2.1	96	2	60	1	0	17	0	13.74	8.92	2.49	28	.0	0		14	10	5	
DIVISION	78.8									9.29										
SOUTHERN DIVISION																				
ANDALUSIA	78.8		95	1+	65	2	0	14	0	8.45		1.98	29	.0	0		16	6	4	
ATMORE STATE FARM	79.2		95	21+	64	1	0	14	0	13.39				.0	0		19			
RAY MINETTE	78.4	- 2.1	94	1	66	2	0	8	0	16.28	7.88	2.90	10	.0	0		19	12	7	
BREWTON 3 SSE	78.1	- 3.0	96	1	59	1	0	13	0	17.13	10.28	4.61	17	.0	0		17	13	7	
CHATAM	77.9		96	21+	56	1	0	16	0	10.07		1.80	12	.0	0		17	13	3	
CITRONELLE	78.7	- 2.2	93	22	67	2	0	11	0	21.05	13.58	5.36	12	.0	0		19	14	7	
DOTHAN CAA AIRPORT	79.5		96	20+	66	1	0	17	0	7.47	1.55	1.36	6	.0	0		14	9	2	
EVERGREEN CAA APT	78.2	- 2.5	96	21	59	1	0	16	0	8.42	2.32	1.64	12	.0	0		20	11	1	
FAIRHOPE	79.0	- 1.9	95	2	64	10	0	16	0	9.04	.71	2.32	28	.0	0		21	9	3	
FORT MORGAN	80.8		91	20+	70	13+	0	6	0	6.26		2.43	12	.0	0		12	8	1	
FRISCO CITY	78.6		96	22	62	1	0	14	0	13.24	7.24	4.28	12	.0	0		16	12	4	
GENEVA	78.3		97	1+	61	1	0	18	0	8.85	2.85	1.27	17+	.0	0		18	11	4	
HEADLAND	79.8		95	17+	65	2	0	18	0	3.60				.0	0		8		0	
LOCKHART	78.2		94	1+	65	1	0	10	0	10.67		2.30	12	.0	0		18	10	4	
MOBILE WB AIRPORT	79.0		92	1+	67	3+	0	7	0	14.16		2.65	12	.0	0		20	15	6	
OZARK	78.3	- 2.4	96	1	66	1+	0	12	0	11.69	5.53	2.00	21	.0	0		15	12	4	
ROBERTSDALE 7 E	78.0		93	1	65	10	0	7	0	10.69	1.17	1.38	21	.0	0		22	14	3	
SPRING HILL	78.6M	- 2.1	93	1+			0	0	0	13.99	5.08	2.19	28	.0	0		17	12	7	
DIVISION	78.7									11.36										
STATE	78.3	- 2.0								8.99	+ 3.38									

See reference notes following Station Index

JULY 1950

[illegible]

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DAILY PRECIPITATION

Table 3-Continued

ALABAMA
JULY 1950

Station		Day of month																															Total	
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
LAY DAM						.88	.17				.53	2.18	1.77	.29	.59	.04				.45													10.75	
LAY DAM	R				.10	.85				.45	.89	1.68	1.52	.55	.15							.15	.12		.92	.96			.38	.04	.07	.28	2.00	9.98
LEEDS				.20	T	.35	1.35	T				2.80	1.50	.06	2.48	1.03	.04	T								.01	T	.29	.03	.43	.39	.93	.04	13.16
LEESBURG						.61	.07	.05				1.10	.64	.05	1.11	1.19	.44								1.40	1.93	.65	.32	1.55	.65	1.15	1.13	1.00	7.74
LIVINGSTON				.24	.74	.27						.72		2.23	.10	.25												.36	1.50	.54	.79		7.74	
LOCKHART			T	.14	.25	.55	.05	.66	T		.05	2.30	.70	.18		.74	.05	.09				.46	.22		T			1.05	1.02	2.03	.13	T	10.67	
LOCK NO 17				1.18	.07							.36	.54	.02	1.19	1.08	.03											.93	.53	.33	T	1.31	7.60	
MADISON					.13						.01	.03	.04	.04	.02	3.30	1.33					.35			.27		1.74	.82	.07				8.15	
MAGELLA					1.03	.08						1.59	1.40	.02	.55	.44	.18	.06							.06	.06			.38	.72	.09	1.00		7.49
MAGNOLIA	R		.55	1.67	.68	.03	.28				.69	1.22	.09	.70								.06	.02			.62	.27	.22	.28	.82	.45		8.65	
MARION 1 SSE						.84	.83				.10	1.37	.91		.51	.39	.58								.34			.17	.52	.78	.09	.98	8.41	
MARION 1 SSE					.80	.84				.03	.09	1.51	.62	.40	.41	.60												.38	.72	.09	1.00		7.49	
MARION JUNCTION					.42	.48						3.25	1.00	.04	.31	.02		.35									.37	.50	1.92	.65	.94	10.25		
MARION JUNCTION 2 W				.36	1.54						.64	2.66	1.04	.37	.02		.32										.24	1.18	.48	1.43	.07	10.35		
MARTIN DAM			.10		.30	.25	.02				T	1.23	2.45	.24	1.55	.05	.03	T										1.00	.27	.04		2.25	9.78	
MAXWELL FIELD		T		.04	.20	.21					1.44	1.15	.75	3.81		.05	T							.28		.04	.24	.18	.06	1.26			9.71	
MELVIN		.12	.30			1.25	.14					.15	.27	.29	1.10	.13	.12	.05					.23					.10	.94	.19	.49		5.87	
MERTZ 3 E				.70			.85					1.36	.51		1.11													.15	.20	.68	1.51	2.00	7.71	
MIDWAY	R					.02	.93			.10	.41	.81	1.43	.39	.10	.37	.20										.02	.16	.88	.15		7.36		
MILLERS FERRY					1.08	.35		T				4.02	1.34	.53	.75				.10									.74	.46	.09	.71		10.17	
MILSTEAD						1.32	.08	.62				4.13	1.54	.84			.05	.02							.92			.28	1.05	.08	1.75	1.19	13.87	
MITCHELL DAM			.20				.17	.52			.32	.68	2.51	1.37	.71	1.16	.20								.16	.02	.33			.05	1.24	1.95	10.59	
MOBILE WB AIRPORT		.29	.02	.56	T	1.00	1.09			.32	.68	2.65	.36	T			.05	T	.28			.11	1.25	.91	.22	.13	.27	.36	.88	2.18	1.53	.15	14.16	
MONTE SANO					.75				.07			1.30	.19	1.18	.05	3.40	.33								.75			1.38	1.34	1.05			13.07	
MONTEVALLO					1.62							2.05	2.10		1.85	.30								.10							1.10	1.90	11.02	
MONTGOMERY WB APT		T	T		.01	.74	.18				.51	2.20	.25	1.77	T	.21	T						.22	T			.14	.14	.38	.03	1.14	7.92		
MONTGOMERY WB CITY	R		T		.42	.12	.01				1.17	1.74	.80	.81	T	.10	T						.08					.11	.22	.16	.02	1.37	7.03	
MAULTON				.25	.03						.10	.05	.03	.22	2.51	1.40									.11	.10	1.53	.02	.42				6.77	
MUSCLE SHOALS CAA A				.26	.02								.05		2.12	1.49	.19								.05	.22	1.31	.36	T	.11	.18		6.36	
NEW BROCKTON	R		.34	.44	.35					.10	.52	1.04	.04		.20	.57	1.52							.62	.16				1.75	.71	.42	.04	8.82	
NEWBURG					.46							.06	.04	.25		.19	1.02	1.77	.44	.35							.72	.11	.26	.09		2.23	7.84	
NEW MARKET					.18									.25		.03	1.91	1.48										.66	2.40	.17	.05		8.94	
NEWTON					1.18							1.08																					6.85	
ONEONTA					2.04	.58						.80	1.35	.31	.98	.83	.16										.58	.54	.76	.41			16	
ORRVILLE				.24	.14	.15						4.18	1.17																		3.22		48	10.00
OZARK			.47		.04	1.75	.33					.85	.58	.04	.66												.76		.41	.90	1.78	1.04	.08	11.69
PAINT ROCK	R			.63						*	2.49	.94	.58	2.30	.93									.88	.02	4.21	1.63	.03					14.79	
PALMERDALE					.20	.34						1.45	1.80	.60	2.05	1.05	.15	.65									.75	1.23	.53	.97	.23	12.00		
PENNINGTON LOCK 2			.49	.02			.08				.33	.39	.35	.48	.64	.35	.22	.06	.14								.50	.30	.31	.15	.45	.05	.20	5.86
PERRYVILLE						.78						3.11	1.35		2.35														.92			1.37	9.88	
PETERMAN	R		.03	.07	.25	.61	.47									.50	.21									.15	.15	.20	.77	.79	.60			
PICKENSVILLE					.58	.31						.11	.56			1.35	.32											.50	1.10		.60	.50	1.25	7.18
PINE HILL					.08							2.04	.38	.85														1.60					5.35	
PINE LEVEL			.19	.95	.55		.89					1.12	.71	1.28	.38			.12											.58	.31	.33	1.08	8.61	
PLANTERSVILLE			.10	.05	.05							3.42	1.62		2.15	.08		.59											.71	1.48	.38	.71	1.61	12.95
PLEASANT GROVE SCH					.16						1.20	.64	.76	.26	1.16	1.25	.30								.40	.72		.10	.45	1.28	1.49		.05	10.22
PLEASANT HILL	R			.26	.17	.03	.45	.09			1.52	2.33	.88	1.28	.32		.46											.19	.23	2.12	1.86	.71		
PRATTVILLE					.83	.87						2.93	.58	.07	1.03	.04	.39	.73										.13	.21	.18	1.56	.40	9.95	
PRIMROSE FARM			.06	1.02	1.85	.81					.13	.15		1.04	.19	.03	.28	.09										.78	.44	.81		.08	.06	7.82
PUSHMATAHA																																		
RED BAY					.28	.32									1.73	.77												.60	1.0	1.32	.37		.15	5.64
REFORM				T	.47						T		.12		1.81	1.35	.02	.97																

HOURLY PRECIPITATION

ALABAMA
JULY 1950

Table 4

Station		A. M. Hour ending												P. M. Hour ending												Total
		1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	
-1st-																										
PLEASANT HILL																										
-2d-																										
ABBEVILLE													.55	.01		.01										.57
ATMORE STATE FARM													.36	.40	.01											.77
CAMPBELL								.02	.01	.02						.08										.13
MOBILE WB AIRPORT	6																			.29						
NEW BROCKTON													.26	.06		.02										.34
PETERMAN														.03												.03
TROY														.10												.10
-3d-																										
ANNISTON WB AIRPORT	6												.31	.05	.02		.02		.48					.01		.41
ATMORE STATE FARM																	.09								.09	
BIRMINGHAM WB APT		.33																					.01		.33	
CAMPBELL	6												.12													
EVERGREEN CAA APT	6															.55									.55	
MAGNOLIA	6												.02													
MOBILE WB AIRPORT													.06	.01												
PETERMAN																									.07	
-4th-																										
ABBEVILLE														.04	.01											.05
ANNISTON WB AIRPORT	6													.03	.02				.25							.05
ATMORE STATE FARM													.15	.38	.05	.04	.01								.83	
CAMPBELL	6																			.02			.01		.03	
DOTHAN CAA AIRPORT																		.05	.05							
EVERGREEN CAA APT																									.10	
GREENVILLE NO 2															.01	.04									.05	
JACKSON LOCK 1													.10												.10	
LAY DAM													.17	1.48				.01		.01					1.67	
MAGNOLIA													.05							.41						
MOBILE WB AIRPORT	6							.10																	.29	
MOBILE WB CITY		.08										.21													.44	
NEW BROCKTON																.42	.02								.29	
TROY																.26	.15	.01			.01		.01	.01	.45	
-5th-																										
ABBEVILLE										.01								.04	.10	.02					.18	
ADDISON		.30	1.28	.05		.09	.12	.01	.02		.02	.01	.01												1.90	
ANNISTON WB AIRPORT	6																									
ASHLAND	//														.15				.02						.15	
ATMORE STATE FARM																										
AUBURN SCS 10															.07		.05	.05							.17	
DELOREEN																.44		.01				.15	.08		.68	
BERRY																						.15	.03		1.61	
BEXAR 2 SE		.01	.04	.01	.02								.30					.91	.15	.11	.11	.03			.59	
BIRMINGHAM WB APT																	.02		.01	.22	.20	.06			.29	
BOAZ				.01	.01	.01	.01										.18	.01	.01				.04	.06	.04	
CAMPBELL								.01		.01			.59	.35											1.01	
DOTHAN CAA AIRPORT											.65							.02	.06	.04	.04	.01			.77	
EUTAW LOCK NO 7	6											.15	.03	.01	.01	.01							.15	.01	.37	
EVERGREEN CAA APT																										
FLAT ROCK								.03												.32						
FORT MORGAN	//	.40	.02	.05	.02	.01																.09			.09	
FORT PAYNE																	.08	.15	.01	.10	.02				.50	
GARDEN CITY																	.05	.01	.04	.01	.01				.36	
GUNTERSVILLE REC								.03																	.11	
HALEYVILLE																									.03	
HUNTSVILLE	6										.03	.02			.05		.01	.39	.01	.09	.21	.07	.01	.01	.85	
JACKSON LOCK 1																			.37						.05	
JACKSONVILLE																									.60	
LAY DAM													.77	.07				.01	.58	.02					.85	
MAGNOLIA							.02						.01	.53	.07		.01	.01	.03						.68	
MARION 1 SSE														.80											.80	
MOBILE WB CITY											.11	.02					.68	.02							.83	
MONTGOMERY WB APT	6																									
MOULTON													.03	.10						.01					.25	
MUSCLE SHOALS CAA A	6												.12							.07						
NEW BROCKTON														.01	.34										.35	
PAINT ROCK													.02		.55		.01	.03		.02					.63	
PETERMAN												.57	.02												.59	
RIVER FALLS 2 NE																										
THORNSBY 1 SW																			.01		.02				.03	
TONEY																									.03	
TRAFFORD																			.06		.01	.01	.07	.02	.01	
TROY														.80	.57		.02	.01							1.40	
TUSCALOOSA CAA APT	6																									
UNIVERSITY													.34	.01	.01				.66						1.08	
VERNON																					.58	.11	.02	.01	1.74	
WIDOWS CREEK STM PLT																.15	.02		.02	1.45	.15	.12			.17	
-6th-																										
ABBEVILLE			.01		.01	.01							.15				.02	.05							.25	
ADDISON								.02	.01				.21	.01											.25	
ANNISTON WB AIRPORT	6	.02											.23						.09							
ASHLAND	//									.05									.04						.09	
ATMORE STATE FARM					.15							.36	.45												.96	
BERRY																		.01	.05	.01					.07	
BEXAR 2 SE								.02	.01							.04									.07	
BIRMINGHAM WB APT																									.78	
BOAZ													.32	.14	.15		.56	.10		.01	.11				.62	
CAMPBELL								.01	.01	.01			.07	.01											.13	
DOTHAN CAA AIRPORT													.01	.01		.03	.03	.02							.10	
EUTAW LOCK NO 7	6																								1.41	
EVERGREEN CAA APT								.01													.01	.03			.05	
FORT MORGAN	//																		.78							
FORT PAYNE																									.87	
GARDEN CITY																									.08	
GREENVILLE NO 2</																										

HOURLY PRECIPITATION

Table 4-Continued

ALABAMA
JULY 1950

Station		A. M. Hour ending												P. M. Hour ending												Total	
		1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12		
MOBILE WB CITY											.03	.61	.14	.05	.01											.84	
MONTGOMERY WB APT	6								*	*	*	*	.04	*	*	*				.70						.42	
MONTGOMERY WB CITY												.12	.17					.05	.06				.02			.03	
MOULTON						.03																					
MUSCLE SHOALS CAA A	6	.07						*	*	*	*	*		.02												.61	
PETERMAN			*	*	*	*	*	*	*	*	*	*	*	.14	.07		.01	*	.01	.38						.40	
RIVER FALLS 2 NE								*	*	*	*	*	*	*	*	*	.83	.21		.40						1.84	
THORSBY 1 SW																	.80									.25	
TRAFFORD					.01				.01											.23		.01				.23	
TROY														.04	*	*	.01	.13	.04			*	*	*	*		
TUSCALOOSA CAA APT	6	.09									.01	.21				.28	.01			.05	*	*	*	*	*	.54	
UNIVERSITY																			.23	.01					.21		
WIDOWS CREEK STM PLT																											
-7th-																											
ANNISTON WB AIRPORT	6													.04	.02	.26	.04	*	*	.68	*	*	*	*	*	.36	
ASHLAND	//							.42	.21	.02				.02	.31	.07										.98	
ATMORE STATE FARM																										.07	
AUBURN SCS 10						.05	*	*	.15	.04	.01	.01	*	.05	*	*	*	*		.05						.26	
CAMPBELL	6	.04													*	*	*	*	.01							.21	
EVERGREEN CAA APT	//				.01			.07	.11	.01					*	*	*	*								.60	
PORT MORGAN																										.28	
JACKSON LOCK 1											.01	.03	.06	.16	.34	.26	.01	.01								.93	
MAGNOLIA																			.01	.01							
MIDWAY																			.01								
MOBILE WB AIRPORT	6								*	*	*	*	1.09													1.66	
MOBILE WB CITY							.30	.84	.15	.17	.02				*	*	*	*	*	.18							
MONTGOMERY WB APT	6														*	*	*	*		.06	.18					.12	
MONTGOMERY WB CITY		.01	.02																	.03						.47	
PETERMAN										.19	.01				.14	.02	.02			.04	.05	.18	.07			.25	
RIVER FALLS 2 NE																										.04	
THORSBY 1 SW					.03	.01																				.28	
TROY																	.05		.01	.20			.02				
TUSCALOOSA CAA APT	6	.03																									
-8th-																											
ANNISTON WB AIRPORT	6	.41				.01																				.01	
MONTGOMERY WB CITY																											
PETERMAN																											
-10th-																											
ATMORE STATE FARM																		.08	.02				.02	.01		.13	
DOTHAN CAA AIRPORT																		.29	.02							.31	
EUTAW LOCK NO 7	6														*	*	.01	.02	*	*	.66	*	*	*	*	.03	
EVERGREEN CAA APT																		.60	.02							.62	
GREENVILLE NO 2																				.42	.03					.45	
LAY DAM																				.03						.03	
MARION 1 SSE														.08	.01		.01									.10	
MIDWAY																											
MOBILE WB AIRPORT	6														*	*	*	*	*	.32							
NEW BROCKTON																			.06	.04						.10	
PAINT ROCK														.12	.98	*	*	*	*	*	*	*	*	*	*	.45	
THORNSBY 1 SW																		.08	.09	.25	.03					.11	
TONEY																		.11								.09	
TROY																		.07	.01		.01					.47	
WIDOWS CREEK STM PLT																				.47							
-11th-																											
ABBEVILLE											.13	.10	.01	.07	.18	.01	.01	.01		.01						.52	
ADDISON														.02	.03											.05	
ANNISTON WB AIRPORT	6													*	*	*	*	*	*	.07	*	*	*	*	*	.18	
ASHLAND	//																	.02	*	.01	.03	.14	.02	.01	.09	.40	
ATMORE STATE FARM		.01		.01														.06	.02	.01	.05	.03	.03	.09		.23	
AUBURN SCS 10																		.03		.05	.03	.03				.35	
BELGREEN											.32		.03													.03	
BERRY													.01							.02						.02	
BIRMINGHAM WB APT																					.01	.01				.05	
BOAZ														.05												.69	
CAMPBELL															.01	.04	.07	.01	.06	.23	.05	.02	.10	.12	.11	.30	
DADEVILLE NO 2																				.01	.01	.02	.32			.68	
DOTHAN CAA AIRPORT											.02	.02	.56	.05				.01								.02	
EUTAW LOCK NO 7										.01							.07	1.06	.08	.01		.01	.01	.01	.02	.03	1.31
EVERGREEN CAA APT	6	.17						*	*	*	*	*		.04	*	*	*	*	*	.13	*	*	*	*	*	.11	
FLAT ROCK														.10	.01											.25	
PORT MORGAN	//										.18							.04	.01	.18	.01	.01			.02		
PORT PAYNE																			.02							.23	
GARDEN CITY														.20												.20	
GREENVILLE NO 2														.03	.20	.03	.04	.01	.18	.20	.02					.71	
JACKSON LOCK 1																		.01	.04	.01	.04	.01	.15	.14	.18	.57	
JACKSONVILLE											.03	.04	.19	.22	.09	.07	.88	.28	.04	.03	.17	.06	.02	.39		2.12	
LAY DAM											.03	.01	.03	.08	.01	.02	.19	.01	.01	.01	.01	.01	.09	.39		.89	
MAGNOLIA																	.02	.07	.01	.01	.06	.20	.05	.01	.02	.14	.69
MARION 1 SSE																	.02					.01	.01	.02	.01	.09	
MIDWAY													.01	.04	.23		.01	.03	.01		.01	.07				.41	
MOBILE WB AIRPORT	6								*	*	*	*		.11	.09	*	*	*	*	.03	*	*	*	*	*		
MOBILE WB CITY											.01		.09	.10						.03	.70	.37	.08	.08	.02	1.48	
MONTGOMERY WB APT	6																	*	*	.11	*	*	*	*	*	.10	
MONTGOMERY WB CITY													.19	.07	.28		.02		.01	.03	.33	.07	.16	.01		1.17	
MOULTON																				.02						.10	
NEW BROCKTON																											

ALABAMA
JULY 1950

Station		A. M. Hour ending												P. M. Hour ending												Total	
		1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12		
EUTAW LOCK NO 7		.07	.01	.01	.01	.02	.01																				
EVERGREEN CAA APT	6	.27	*	*	*	*	*	1.10	*	*	*	*	*	.37	*	*	*	*	*	.15	*	*	*	*	*	*	.45
FLAT ROCK				.07	.02	.01	.10	.11	.01	.02	.02			.09												2.47	
PORT MORGAN	//		.03	.20	.40	.05	.03	.01	.01		.02	.03			1.47	.08			.10	.04						.50	
PORT PAYNE		.10	.03	.04	.07	.04	.10	.03	.02		.03	.02	.01	.01												2.30	
GARDEN CITY				.03	.08	.07	.03	.05	.34	.05									.09	.01	*	*	*	*	*	.86	
GREENVILLE NO 2		.05	.03	.01	.21	.02	1.13	.54	.06	.10	.04	.01															
GUNTERSVILLE REC					.05	.04	.02	.10			.03	.41	.12	.05	*	*	.13		.01								
HUNTSVILLE	6				*	*	*	.10																			
JACKSON LOCK 1		.35	.40	.18	.14	.20	.06	.08						.03												1.41	
LAY DAM		.09	.04	.07	.38	.53	.16	.19	.15	.04								.02	.01							1.68	
MAGNOLIA		.11	.18	.30	.20	.02	.01	.04	.01	.02								.01					.01	.30	.01	1.22	
MARION 1 SSE		.01	.20	.28	.48	.18	.05	.01	.01	.01													.02	.26		1.51	
MIDWAY		.02	.01	.01	.01				.01	.51	.14	.06	.01	.01	.01				.01							.81	
MOBILE WB AIRPORT	6	.55	*	*	*	*	*	.98	*	*	*	*	*	.48	*	*	*	*	*	1.15	*	*	*	*	*	*	1.77
MOBILE WB CITY			.25	.06	.39	.20	.02	.18	.03					.09	.25	.28		.01									
MONTGOMERY WB APT	6	.40	*	*	*	*	*	1.45	*	*	*	*	*	.75													
MONTGOMERY WB CITY		.03	.05	.04	.03	.11	.10	.89	.37	.08	.04																
MOULTON					.05																						
NEW BROCKTON		.01	.02	.01	.01			.52	.26	.13	.04	.01						.01	.01	.01						.05	
PAINT ROCK					.08			.16	.03	.11	.01			.09	.08				.02				.29		.07	1.04	
RIVER FALLS 2 NE		.02						.61	.10	.10									.09	.01						.94	
THORSBY 1 SW		.13	.09	.14	1.11	.39	.30	.22	.11	.01																1.03	
TRAFFORD		*	*	*	.40	.05	.07	.26	.27	.01	.01		.01				.35	.05	.01					.02	.01	2.51	
TROY								.80																			

See reference notes following Station Index.

ALABAMA
JULY 1950

P. M Hour ending

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HOURLY PRECIPITATION

ALABAMA
JULY 1950

Table 4-Continued

Station		A. M. Hour ending												P. M. Hour ending												Total	
		1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12		
PORT MORGAN	//															.03										.03	
HUNTSVILLE	6																				*	*	*	*	*		
MOBILE WB AIRPORT	6							*	*	*	*	*		.01	*	*	*	*	*		.10					.20	
MOBILE WB CITY													.17								.03					.09	
PAINT ROCK																							.09	.09	.01	.10	
TONET																											
-21st-																											
ASHLAND	//												.10	.11	.01	.50										.50	
BOAZ																				.17	.01	.01	.01			.22	
CAMPBELL		.02																								.20	
FLAT ROCK										.02			.10													.02	
PORT PAYNE												.10														.17	
GUNTERSVILLE REC												.10														.10	
HUNTSVILLE	6	.18	*	*	*	*	*		.01												*	*	*	*	*		
JACKSONVILLE												.02	.08	.01	.01											.12	
LAY DAM													.10	.05												.15	
MAGNOLIA															*	*	*	.06	*		1.25					.06	
MOBILE WB AIRPORT	6														*	*	*	*	*							.03	
MOBILE WB CITY															.03											.06	
PAINT ROCK												.04													.02	.03	
TONET		.10				.01																				.11	
TRAFFORD													.20	.01	.03											.24	
VERNON																		.09	.01							.10	
WIDOWS CREEK STM PLT					.10		.18																			.28	
-22d-																											
ABBEVILLE															.02											.02	
ANNISTON WB AIRPORT	6		*	*	*	*	*		.06																		
ATMORE STATE FARM																						1.77	.08	.05		1.90	
AUBURN SCS 10																										.03	
CAMPBELL																					.11	.01				.12	
DOTYHAW CAA AIRPORT															*	*	*	*	*		.96	.03				1.06	
EVERGREEN CAA APT	6														*	*	*	*	*		.13	*	*	*	*		
HUNTSVILLE	6	.07																									
MAGNOLIA															.01	.01										.02	
NEW BROCKTON																							.48	.12	.02	.62	
UNIVERSITY															.05	.01										.06	
-23d-																											
ABBEVILLE																	.35									.35	
ADDISON																	.11	.23			.01	*	*	*	*	.35	
ANNISTON WB AIRPORT	6																										
ASHLAND	//													.10			.53	.01	.01		.01		.02	.03		.61	
AUBURN SCS 10																										.10	
BELGREEN																	.10									.10	
BERRY																										.10	
BEXAR 2 SE																	.01	.01	.03	.03	.03	.01				.02	
BIRMINGHAM WB APT											.03											.24	.03			.30	
BOAZ																			.81	.28	.02	.01	.01			1.13	
CAMPBELL																	.80		.01	.03	.67	.01				.80	
DADEVILLE NO 2																			.01	.03						.72	
EVERGREEN CAA APT	6	.13													*	*	*	*	*	.13							
FLAT ROCK															.19	.03	.08	.02		.01	.01					.34	
PORT PAYNE															1.07	.02				.01	.09		.02			1.21	
GARDEN CITY												.02	.03							.52	.10					.67	
GUNTERSVILLE REC													.92		.04	*	*	*	*	.07						1.13	
HUNTSVILLE	6							*	*	*	*	*	*	.18	*	*	*	*	*		.09	.10					
JACKSON LOCK 1																		.01	.01	.03						.05	
JACKSONVILLE																	.08		.01	.01		.03	.04			.16	
LAY DAM																			.01		.52	.35	.05			.92	
MOBILE WB AIRPORT	6														*	*	*	*	*		.13						
MONTGOMERY WB APT	6														*	*	*	*	*		.22						
MONTGOMERY WB CITY															*	.07	.01	*	*							.08	
MUSCLE SHOALS CAA A	6														*	*	*	*	*		.05						
NEW BROCKTON																	.03	.09	.03	.01	.03					.16	
PAINT ROCK												.23	.57	.02							.03	.03				.88	
RIVER FALLS 2 NE								*	*	*	*	*	*		.65											.65	
THORSEY 1 SW														.30												.30	
TONET														.10	*	*	.32		.17		.02	*	*	*	*	.61	
TRAFFORD								*	*	*	*	*	*			*	*	*	*	*		.06	*	*	*	*	.86
WIDOWS CREEK STM PLT													.43	.23	.14	*	*	*	*								
-24th-																											
ADDISON										.01					*	*	*	*	*							.01	
ANNISTON WB AIRPORT	6	.21													*	*	*	*	*	.70	*	*	*	*	*		
ASHLAND	//														.03	.19										.22	
BIRMINGHAM WB APT																	.01	.08	.70	.05						.84	
BOAZ																	.01	.05		.01						.07	
PORT MORGAN	//									.20							.04									.24	
PORT PAYNE					.02			.06									.79	.09								.96	
GUNTERSVILLE REC																	.08									.08	
HALEYVILLE																.15										.15	
JACKSONVILLE																.44	.12	.01	.99	.01	.01	.02	.02			1.62	
MAGNOLIA																	.26	.31	.02	.03						.62	
MOBILE WB AIRPORT	6	*	*	*	*	*	*		.07					*	*	*	*	*	*	.20							
MOBILE WB CITY											.01			*	*	*	*	*	*							.01	
MOULTON													.11													.11	
MUSCLE SHOALS CAA A	6							*	*	*	*	*	.02													.02	
PAINT ROCK																										.15	
PETERMAN																	.15									.02	
PLEASANT HILL																	.02	.82	.02	.02	.04					.92	
TONET																											

Table 4-Continued

HOURLY PRECIPITATION

ALABAMA
JULY 1950

Station		A. M. Hour ending												P. M. Hour ending												Total	
		1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12		
HALEYVILLE																		.20	.03	.02						.25	
HUNTSVILLE	6																*	*	.09	*	*	*	*	*		.06	
JACKSON LOCK 1																	.05		.01							.03	
JACKSONVILLE																							.03				
MOBILE WB AIRPORT	6							*	*	*	*	*		.10	*	*	*	*	*	.26						.18	
MOBILE WB CITY																							.10	.08	.10		
MOULTON								.05									*	*	*		.01	*	.05	*	*		
MUSCLE SHOALS CAA A	6																*	*	*	1.27	.05	2.21	.40	.23	.05	4.21	
PAINT ROCK																										.15	
PETERMAN														.03	.12											.30	
RIVER FALLS 2 NE																		.27	.03							.11	
TONEY																		.01		.10	.20	.69	.05	.06		1.11	
WIDOWS CREEK STM PLT																					.16	.26	.22	.23		.87	
-26th-																											
ADDISON									.01			.01	.03	.03	.12	.01		1.01	.39	.11	.01	*	*	*	*	1.73	
ANNISTON WB AIRPORT	6							*	*	*	*	*	*	.67	*	*	*	*	.25	*	*	*	*	*	*		
ASHLAND	//																	.96	.30		.01				1.28		
BELGREEN																			.95	.14			.01			1.09	
BEXAR 2 SE																			.01		.01					.05	
BIRMINGHAM WB APT														.06	.79	.19		.02	.16	.13	.06	.02				1.78	
BOAZ														.03			.13							.01	.03	.20	
CAMPBELL											.17	.02	.01													.20	
DADEVILLE NO 2																		.01	.01	.05	.01					.08	
DOTHAN CAA AIRPORT														.05					.01	.09	.02					.17	
EUTAW LOCK NO 7															.60	.15		.05									
EVERGREEN CAA APT	6							*	*	*	*	*	*	.02	*	*	*	*	*		.10			.01			
FLAT ROCK														.19	.20	.08			.02	.10	.14	.04				.77	
PORT MORGAN	//	.02																.01								.13	
PORT PAYNE		.01																.17	.13	.01		.10				.60	
GARDEN CITY					.02	.01																				.19	
GREENVILLE NO 2											.02	.02	.03	.01	.06	.02	.01									.17	
GUNTERSVILLE REC															.10	.03			.07							.30	
HALEYVILLE																										.35	
HUNTSVILLE	6	.53	*	*	*	*	*	.02	*	*	*	*	*	.01	*	*	*	*	*		.35	.65	*	*	*	*	.24
JACKSON LOCK 1											.09	.01	.13	.01				.14	.11	.02	.03					.30	
JACKSONVILLE																										.29	
LAY DAM																		.22	.05			.01	.01			.27	
MAGNOLIA														.27												.02	
MIDWAY														.02													
MOBILE WB AIRPORT	6							*	*	*	*	*	*	.24	*	*	*	*	*		.64					1.21	
MOBILE WB CITY		.02	.33	.31													.03	.23	.29	*	*					.01	
MONTGOMERY WB APT	6																									1.53	
MONTGOMERY WB CITY																				.01							
MOULTON								.02										.04	1.17	.10	.20						
MUSCLE SHOALS CAA A	6	1.30	*	*	*	*	*	.01						*	*	*	*	*	*		.35	*	*	*	*	*	
PAINT ROCK								.02										.14	.06	1.12		.08				1.63	
PETERMAN											.21							.13	.03							.20	
PLEASANT HILL											.04															.19	
THORSBY 1 SW																	.83		.11	.07	.01					.83	
TONEY																		1.20	.11	.07						1.38	
TRAFORD														.01	.01	.01	.23	.04	.01	.01	.01	.03				.35	
TROY											.01	.01	.31	.03				.05	.65	.05	.05	.02			.01	.36	
TUSCALOOSA CAA APT	6																									.84	
UNIVERSITY																		.01								.29	
VERNON											.28							.01								1.81	
WIDOWS CREEK STM PLT											.30	.07	.02	.01	.19	.36	.45	.40	.01								
-27th-																											
ABBEVILLE							.80	.36			.09	.05	.01	.01	.18	.01		*	*	*	.12	*	*	*	*	1.51	
ANNISTON WB AIRPORT	6	.01	*	*	*	*	*	.01	*	*	*	*	*				*	*	*		.18	.04	.01	*	*	*	1.45
ASHLAND	//			.01	.34	.03													.82	.18	.09	.08	.02			.52	
ATMORE STATE FARM				.03	.02									.09	.09	.02	.02	.01		.05	.09	.08	.02			.77	
AUBURN SCS 10							.50	.15											.10	.02						.41	
BELGREEN														.04			.04	.32								.97	
BIRMINGHAM WB APT				.01														.10			.01	.77	.05	.03		.51	
BOAZ		.10	.01	.01	.01	.02												.99	.04	.03	.04	.03	.35	.01		1.19	
CAMPBELL																										.57	
DADEVILLE NO 2					.12	.26					.01							.17	.01							.19	
DOTHAN CAA AIRPORT					.01	.01	.22	.20	.07	.04	.02		.01											.01		.59	
EUTAW LOCK NO 7	6	*	*	*	*	*	*	*	*	*	*	*	*	.52	*	*	*	*	*	*	*	*	*	*	*	*	
EVERGREEN CAA APT					*	*	*	.02	*	*	*	*	*														
FLAT ROCK								.02	.01		.20	.05		.02						.30							
PORT MORGAN	//	.02	.18	.26				.02	.01	.28								.01	.17		.05	.05				.58	
PORT PAYNE		.01	.02	.06	.01	.01																				.46	
GARDEN CITY																										.11	
GREENVILLE NO 2											.02	.02		.84	.11	.01	.14	.15	.11	.04	.04	.02				1.50	
GUNTERSVILLE REC																	.19	.05	.56	.01	.01					.19	
HALEYVILLE																										.63	
HUNTSVILLE																											
JACKSON LOCK 1	6	.11															.36	.11	.12	.06	.05					.70	
JACKSONVILLE		.01		.07	.13	.03		.02	.01																		

ALABAMA
JULY 1950

ALABAMA
JULY 1950

See reference notes following Station Index.

DAILY TEMPERATURES

ALABAMA
JULY 1950

Table 5

Station		Day of month																															Average	
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
ALBANYVILLE 1 S	MAX	92	93	91	90	90	85	84	84	85	83	85	86	88	84	80	84	88	88	91	90	87	85	83	92	88	84	82	85	87	87	86.7		
	MIN	55	65	65	66	66	66	66	64	62	63	65	66	66	68	71	66	69	66	70	68	69	69	66	66	65	67	70	69	65	67	66.3		
ALEXANDER CTY 6 NE	MAX	92	95	89	94	92	87	85	86	87	89	85	83	85	81	86	89	87	91	93	92	92	91	88	90	91	89	89	82	88	84	86.5		
	MIN	50	54	63	63	69	68	66	66	60	60	66	67	68	66	67	69	69	65	67	68	67	66	68	66	66	68	68	70	71	68	67	65.7	
ANDALUSIA	MAX	95	94	93	90	90	85	89	82	82	81	88	82	84	81	88	86	86	90	92	94	93	93	95	90	93	90	89	84	85	85	88.2		
	MIN	66	65	67	69	70	69	71	70	68	67	69	68	68	71	70	72	70	70	70	73	68	68	69	72	70	71	71	69	69	69	72	69.4	
ANNISTON WB AIRPORT	MAX	89	94	93	91	89	86	85	88	86	89	87	82	85	84	85	88	87	89	92	92	91	90	88	90	88	85	86	81	86	82	88	87.6	
	MIN	51	56	65	67	69	69	68	68	67	62	62	68	68	69	69	70	69	68	68	69	69	68	69	66	67	70	70	70	70	69	69	67.1	
ATMORE STATE FARM	MAX	94	94	88	87	90	85	83	84	83	90	80	79	87	84	88	86	90	92	94	94	95	95	92	90	90	88	86	87	85	88	93	88.4	
	MIN	64	69	68	69	71	71	71	70	68	66	69	69	71	72	72	73	70	70	71	71	71	67	69	67	70	71	73	70	70	71	72	70.0	
AUBURN	MAX	90	92	93	91	92	90	87	87	85	86	85	83	81	77	81	87	88	87	90	92	92	92	90	88	90	89	85	81	87	75	87.2		
	MIN	60	59	64	68	70	69	70	68	63	65	68	68	65	66	68	70	70	69	69	71	68	68	69	68	68	68	70	69	70	69	67	67.5	
BAY MINETTE	MAX	94	92	86	83	88	85	86	86	84	89	79	76	87	84	86	83	88	91	92	91	92	93	88	88	88	86	85	83	88	91	87.0		
	MIN	69	66	67	70	72	71	69	70	67	60	69	69	70	72	72	72	70	71	72	72	67	67	70	69	71	71	70	71	70	70	72	69.8	
BELLE MINA 2 N	MAX	87	95	94	95	91	90	85	88	90	89	90	85	88	87	83	89	89	89	91	91	90	89	90	88	89	85	83	80	90	87	88	88.5	
	MIN	52	63	69	68	69	70	66	60	70	71	64	67	63	68	70	66	69	68	68	68	69	68	69	65	70	65	63	66	65	68	66.6		
BIRMINGHAM WB APT	MAX	89	92	92	90	87	85	87	85	86	87	85	80	85	85	81	88	87	91	92	93	91	90	90	90	89	85	85	82	87	80	85	87.1	
	MIN	54	60	68	68	69	68	69	68	67	63	70	68	68	68	68	70	71	69	68	69	71	70	71	70	69	69	70	70	69	70	69	68.1	
BIRMINGHAM WB CITY	MAX	91	93	95	94	92	88	90	89	91	90	87	81	85	86	80	89	90	91	93	93	92	92	90	92	90	86	87	83	88	83	88	89.0	
	MIN	59	65	67	70	69	68	69	67	65	65	70	68	68	70	68	69	71	71	72	72	72	70	73	70	69	69	69	70	69	70	70	68.8	
BREWTON 3 SSE	MAX	96	94	85	85	90	88	82	84	81	88	84	81	84	88	88	87	91	92	93	94	93	95	92	91	92	88	86	87	85	87	91	88.5	
	MIN	59	64	65	66	68	68	68	69	65	64	69	68	69	69	70	69	70	68	69	68	66	69	66	68	67	68	69	70	69	69	69	67.6	
CAMDEN	MAX	93	97	93	92	88	92	88	84	86	89	88	80	86	87	88	90	88	92	94	95	95	93	95	94	92	89	88	82	88	86	91	89.8	
	MIN	59	61	64	67	70	70	71	70	64	65	67	69	70	71	71	73	71	71	73	74	70	69	68	70	69	69	71	70	71	70	71	69.0	
CAMP HILL 2 NW	MAX	92	96	93	91	94	86	86	85	85	86	80	83	80	81	88	90	88	90	93	92	91	90	90	90	91	90	87	86	88	88	90	88.4	
	MIN	52	55	62	64	65	68	65	61	59	62	63	65	65	64	66	66	62	62	67	68	66	64	64	64	65	66	67	68	67	66	65	64.0	
CENTREVILLE	MAX	90	90	95	95	92	91	90	88	87	89	90	85	83	89	88	88	90	90	90	95	97	95	94	94	92	93	89	88	90	91	79	89.9	
	MIN	65	60	68	72	72	68	69	72	70	70	71	67	68	70	68	72	74	74	76	74	76	72	74	72	68	72	70	70	70	69	69	70.4	
CHATAM	MAX	95	95	87	90	83	88	85	88	87	90	82	77	90	81	88	88	91	90	94	95	96	96	94	91	87	84	90	86	86	92	92	90.8	
	MIN	56	60	60	62	65	66	68	67	62	60	67	65	70	69	71	71	70	67	68	74	69	66	66	65	67	67	67	68	70	71	72	66.7	
CITRONELLE	MAX	92	91	90	91	91	83	81	85	83	89	78	74	86	83	85	85	86	87	92	92	92	93	90	87	88	84	87	82	86	89	91	86.9	
	MIN	69	67	69	70	68	71	71	69	68	68	70	68	71	72	72	73	71	72	73	75	71	68	69	71	72	72	72	70	71	71	73	70.5	
CLANTON	MAX	90	93	96	93	93	92	88	90	88	89	90	83	81	87	83	87	90	88	93	94	94	94	92	94	93	92	89	89	82	88	76	89.4	
	MIN	55	59	67	67	72	70	68	68	63	64	69	69	68	69	70	71	70	70	73	71	73	68	72	69	68	70	72	70	68	69	69	68.5	
CORDOVA	MAX																																	
	MIN																																	
DAYTON	MAX	92	96	94	95	93	87	87	85	88	90	88	81	89	92	88	89	88	91	93	94	94	92	92	93	89	88	85	89	86	86	90	89.8	
	MIN	60	62	67	68	70	70	71	70	66	62	69	69	70	71	71	72	70	71	73	73	69	69	70	70	69	72	72	71	69	70	71	69.3	
DECATUR	MAX	87	93	91	92	90	83	86	88	87	89	90	84	86	82	72	85	87	90	92	92	84	85	95	90	89	87	84	81	88	85	89	87.2	
	MIN	52	64	70	71	71	70	67	66	68	68	69	70	68	69	70	68	72	71	71	72	71	72	70	70	70	70	71	70	68	70	68	70	68.9
DOTHAN CAA AIRPORT	MAX	94	92	89	88	86	91	84	80	80	89	83	88	87	90	94	92	94	95	96	96	95	96	93	93	94	93	82	87	85	81	91	89.4	
	MIN	66	70	68	68	70	70	71	68	67	68	70	68	71	70	70	72	70	72	72	70	70	69	70	69	71	71	70	68	70	69	70	69.6	
EUFULA	MAX	96	96	91	91	85	86	85	81	84	82	85	82	86	80	88	90	86	95	96	95	95	97	95	96	96	96	90	87	86	77	86	89.1	
	MIN	64	67	66	67	70	70	71	70	67	66	69	69	70	69	69																		

DAILY TEMPERATURES

ALABAMA
JULY 1950

Table 5-Continued

Station	Day of month																															Average	
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
MADISON	MAX MIN	84 62	90 63	92 67	91 70	92 72	92 71	85 67	89 66	90 66	89 69	89 70	91 70	85 68	89 69	85 69	82 69	86 72	89 71	90 71	91 72	92 71	85 69	85 68	89 68	88 69	89 70	86 70	86 71	83 70	88 70	87 71	88.0 69.1
MARION JUNCTION 2 N	MAX MIN	93 58	97 59	93 65	94 67	90 69	89 70	88 67	86 78	87 64	90 66	85 68	83 66	88 69	89 70	90 70	88 71	92 69	91 70	93 69	94 71	96 68	94 69	92 69	93 68	83 69	92 68	90 70	81 69	87 72	84 69	91 68	90.3 68.1
MAXWELL FIELD	MAX MIN	94 65	95 66	95 67	93 72	91 74	87 73	90 72	87 67	88 69	88 69	84 72	86 70	86 71	84 72	90 71	91 72	93 75	94 72	94 74	96 75	96 76	96 74	94 73	93 75	95 73	95 75	92 74	88 73	82 72	85 73	75 71	90.2 72.1
MOBILE WB AIRPORT	MAX MIN	92 69	89 68	86 67	86 68	80 70	87 69	85 71	87 70	88 69	90 67	79 71	76 69	86 72	87 73	88 73	88 75	88 74	88 72	90 73	91 76	92 67	91 67	89 71	88 72	86 73	86 72	83 70	85 72	87 71	86 74	90 71	87.0 70.9
MONTGOMERY WB APT	MAX MIN	94 60	96 63	92 68	92 68	92 71	88 70	88 72	89 70	85 66	86 69	84 66	85 68	86 70	89 70	92 72	91 70	92 72	94 73	95 74	94 71	94 70	93 71	93 70	93 71	92 70	90 71	87 71	81 70	85 71	77 69	90 68	89.4 69.4
MONTGOMERY WB CITY	MAX MIN	92 65	95 67	92 71	91 72	92 71	87 73	88 70	84 66	85 69	86 70	81 68	83 69	82 70	83 71	87 70	91 73	89 72	92 74	94 74	95 72	94 73	92 73	92 73	92 73	92 73	89 72	87 71	79 72	86 70	74 70	90 72	88.3 71.0
MUSCLE SHOALS CAA A	MAX MIN	89 58	94 63	92 68	85 73	88 72	84 70	86 66	87 65	88 66	87 67	88 68	84 69	84 70	84 69	73 68	84 71	86 73	89 70	90 71	85 73	85 72	90 70	90 71	88 70	89 71	88 70	84 72	88 70	84 70	89 72	87.1 69.1	
ONEONTA	MAX MIN	85 51	89 55	93 65	94 66	93 65	95 66	85 65	88 65	85 62	85 60	85 65	88 67	80 67	86 69	86 66	82 66	88 67	90 67	90 66	92 67	91 68	90 66	90 66	93 66	83 67	86 67	87 68	87 67	84 67	90 65	88.4 65.2	
OZARK	MAX MIN	86 66	95 69	90 67	87 68	85 69	85 71	79 66	77 66	85 66	83 69	81 68	81 69	84 69	89 71	89 70	89 71	91 69	92 71	92 72	94 72	95 71	92 68	90 69	91 69	90 70	86 70	87 70	82 68	83 69	85 67	88 69	87.6 69.0
PRATTVILLE	MAX MIN	95 58	96 61	92 67	91 69	89 71	84 71	88 72	87 66	87 67	88 69	83 69	82 69	88 70	88 70	90 72	92 70	92 70	94 71	95 72	94 69	93 73	93 70	94 70	94 70	88 70	89 72	82 72	87 72	79 68	91 69	89.3 69.4	
PUSHMATAHA	MAX MIN	88 55	92 59	92 60	90 65	88 68	90 71	85 68	85 68	85 68	87 68	84 69	84 70	81 69	84 70	83 69	88 70	85 69	89 71	91 73	93 70	93 70	94 70	94 68	92 69	90 69	85 70	85 71	85 69	83 68	85 71	87 68	87.5 68.1
ROBERTSDALE 7 E	MAX MIN	93 66	90 68	86 67	81 69	85 70	87 70	83 70	86 66	82 65	87 69	82 68	78 68	85 68	84 72	87 71	87 72	89 70	90 70	91 73	92 66	92 66	90 66	86 66	87 66	88 68	78 68	84 69	86 69	86 68	89 72	86.3 69.7	
ROCK MILLS	MAX MIN	93 52	96 54	91 62	94 67	92 67	91 67	85 68	87 62	88 61	87 68	85 68	84 67	84 66	88 68	91 70	89 68	93 68	94 68	94 68	92 66	92 66	90 66	90 66	91 66	87 66	85 68	89 68	86 70	89 71	89.4 66.4		
SAINT BERNARD	MAX MIN	83 54	88 56	92 65	92 65	93 68	83 65	86 68	86 63	86 61	87 60	88 61	88 66	84 66	87 65	75 66	89 69	88 71	91 66	93 67	92 69	88 66	87 65	88 66	90 66	90 67	83 67	87 69	79 65	87 67	81 65	87.1 65.4	
SAND MTN STA FRM AP	MAX MIN	86 53	89 58	88 67	88 68	89 69	82 68	84 65	85 62	85 61	85 62	77 63	81 67	76 66	73 66	84 67	83 67	86 67	67 67	67 68	68 68	67 67	68 68	66 66	66 66	68 68	68 68	68 68	69 68	68 69	69 68	65.9	
SCOTTSBORO	MAX MIN	89 53	93 58	93 62	93 68	92 69	85 65	88 58	89 60	88 68	89 65	88 68	81 68	85 68	85 68	75 69	69 67	91 67	91 67	93 67	93 65	87 65	89 65	88 65	90 65	91 65	83 68	87 69	87 67	88 66	88 67	90 65.9	
SELMA	MAX MIN	95 59	98 62	93 68	94 69	91 70	90 71	90 70	88 65	91 67	93 69	85 69	85 69	90 71	88 70	91 71	95 70	95 71	95 71	96 73	96 74	96 72	95 70	95 71	94 69	92 69	90 71	79 73	88 71	81 72	92 69	91.4 69.5	
SPRING HILL	MAX MIN	93 69	93 69	85 69	86 69	84 73	86 72	84 71	82 70	86 69	84 68	88 71	78 69	77 70	82 73	81 74		90 71	87 74	92 74	88 75			92 67	90 73	88 73	85 71	82 70		90 70		86.1 71.0	
TALLADEGA	MAX MIN	89 51	93 55	90 65	91 66	89 68	87 68	88 68	87 68	88 61	88 62	86 67	86 68	84 68	85 68	88 69	88 68	90 68	92 69	93 68	91 68	90 68	87 66	89 67	89 68	84 70	87 70	83 70	87 69	79 69	88 69	87.7 66.8	
THOMASVILLE	MAX MIN	93 65	96 65	94 65	89 67	86 70	87 68	85 70	85 70	87 65	89 66	86 68	78 68	85 69	88 71	90 70	88 73	92 70	93 70	94 72	92 71	93 67	94 67	90 70	88 70	88 70	82 70	84 71	87 68	91 72	88.8 69.0		
TROY	MAX MIN	93 65	93 69	93 67	92 68	92 70	89 70	90 71	87 69	84 65	82 66	82 68	83 66	82 66	85 69	87 70	88 70	89 72	92 71	94 71	94 69	93 69	94 69	93 69	94 69	93 70	92 71	91 69	82 72	85 68	88 66	78 69.1	
TUSCALOOSA CAA APT	MAX MIN	91 54	96 59	95 65	95 67	93 69	88 69	89 68	89 67	89 67	90 67	87 65	84 70	89 70	86 69	92 70	91 69	94 71	94 71	95 69	95 69	92 69	95 69	96 70	94 69	91 70	91 69	83 72	88 70	85 69	91 68	90.8 68.5	
TUSKEGEE	MAX MIN	89 64	93 61	95 67	95 70	94 71	92 70	92 73	87 72	85 63	85 66	85 68	83 67	78 67	79 68	84 69	89 71	89 70	90 71	92 72	91 70	91 70	91 74	91 69	92 69	92 70	92 70	86 72	81 70	87 71	79 68	88.3 69.3	
UNION SPRINGS	MAX MIN	93 60	93 64	92 65	92 67	87 69	86 68	87 69	83 67	84 62	87 65	83 66	83 67	81 69	84 68	87 67	89 68	92 69	94 70	91 68	94 68	95 68	94 68	92 68	95 68	88 68	84 68	83 68	89 67	77 64	91 67	88.3 67.0	
UNIVERSITY	MAX MIN	90 57	94 62	94 68	93 70	90 69	86 69	87 68	86 67	87 68	90 67	86 70	82 70	87 69	83 69	84 70	88 69	90 71	92 72	94 71	95 72	94 71	91 71	92 71	92 71	89 70	88 71	79 70	84 71	81 69	90 69	88.7 69.3	
VALLEY HEAD	MAX MIN	86 48	90 54	90 63	90 63	90 59	88 68	86 64	84 64	84 65	85 64	85 66	81 67	81 67	83 64	85 65	87 66	87 66	91 68	90 63	90 65	84 63	90 65	91 63	91 66	91 66	85 67	87 66	87 65	86 63	82 69	86.5 64.2	
WETUMPKA	MAX MIN	94 60	96 61	92 69	92 69	92 72	87 70	88 72	90 65	88 70	82 68	83 70	82 71	82 70	87 71	88 74	90 71	92 74	95 72	95 73	95 72	95 73	93 71	93 71	93 71	90 72	86 71	80 71	86 70	75 69	89 68	88.9 70.3	

STATION INDEX

ALABAMA
JULY 1950

Station	Index No.	County	Drainage	Latitude	Longitude	Elevation	Observation time	Observer	Refer to tables	Station	Index No.	County	Drainage	Latitude	Longitude	Elevation	Observation time	Observer	Refer to tables
ADREVELL	0096	HENRY	4	31 34	85 15	455		MID J. P. MITCHELL	3 4	LOCK NO 17	4855	TUSCALOOSA	2	33 29	87 30	280		7A U. S. ENGINEERS	3
ADDISON	0063	WINSTON	2	34 13	87 10	1500		MID PALMER GOSNEY	3 4	MADISON	4976	MADISON	12	34 42	86 45	573	7A	7A ROBERT E. TRUE	2 3 5
ADDISON CENTRAL TOWER	0071	LATHECE	2	34 25	87 19	1500		7A D. S. P. S.	3 4	MAGILLA	4996	JEFFERSON	3	33 30	86 51	654		6A ALABAMA POWER CO.	3 4
ADNETTA	0178	WILKINSON	12	32 14	87 25	175		8A SIDNEY J. HARDY, SR.	3 4	MAGNOLIA	5004	MORGAN	1	32 08	87 39	185		MID DR. T. H. GALLIARD	3 4
ALBERTVILLE 1 S	0148	MARSHALL	12	34 16	86 13	1114	10A	10A PAT M. COURINGTON	2 3 5	MARION 1 SEE	5108	PERRY	3	32 37	87 18	263		8A O. MYRON HOLIFIELD	3 4
ALBUQUERQUE 6 SE	0163	TALLAPOOSA	11	32 59	85 52	660	5P	5P R. S. BLACKBURN	2 3 5	MARION JUNCTION	5116	DALLAS	3	32 26	87 14	304		8A MRS. MARGARET SMITH	2 3 5
ALCIVILLE	0178	PICKENS	13	33 08	86 11	588	7A	7A ROSSIE PHILLIPS	2 3 5	MARION JUNCTION 2 SE	5121	DALLAS	3	32 28	87 13	260	6P	6A ALA. POLY. INST.	3 4
ALDULSIA	0252	COVINGTON	6	31 19	86 30	346	8A	8A W. M. GARRETT	2 3 5	MARTIN DAM	5146	TALLAPOOSA	11	32 40	85 55	340		6A ALABAMA POWER CO.	3 4
ALSHOST CAA AIRPORT	0237	CALHOUN	7	33 35	85 51	599	MID	MID CAA	2 3 5	MAYFIELD DAM	5202	MONTGOMERY	1	32 25	86 25	165	MID	MID U.S. ARMY AIR FORCES	2 3 5
ARLEY	0236	PICKENS	13	34 04	87 15	527		7A MRS. LESSIE HILLER	3 4	MAYFIELD DAM	5202	MONTGOMERY	1	32 25	86 25	165		7A JOHN R. LAND	3 4
ASHLAND	0362	CLAY	11	33 16	86 50	800		MID HENRY L. MC QUEEN	3 4	MERTZ 3 E	5382	BIBB	3	32 53	87 20	400		8A USFS	3 4
ASHEVILLE	0377	ST. CLAIR	7	33 30	86 16	880		7A NORMAN R. PRICEST	3 4	MIDWAY	5397	BULLOCK	4	32 04	85 42	490		MID MATH W. HALL	3 4
ATHENS	0390	LIMESTONE	12	34 48	86 59	709	5P	7A TWA-62	2 3 5	MILLERS PERRY	5417	WILCOX	1	32 06	87 22	78		8A NORMAN D. WILLIAMS	3 4
ATMORE STATE FARM	0402	ESCAMBIA	8	31 11	87 29	729	5P	5P ATMORE STATE FARM	2 3 5	MILKEDAM	5439	MACON	11	32 27	85 54	206		8A T. C. CARR	3 4
AUDUBON	0422	LEE	11	32 36	85 50	732	8A	8A MRS. MARTHA I. MOORE	2 3 5 6	MILKEDAM DAM	5465	CHILTON	7	32 48	86 27	350		6A ALABAMA POWER CO.	3 4
AUDUBON SCS 10	0427	LEE	11	32 36	85 50	732	8A	MID SCS	2 3 5 6	MOBILE WB AIRPORT	5478	MOBILE	9	30 41	88 14	212	MID	MID U.S. WEATHER BUREAU	2 3 4 5
AUTAGAVILLE	0440	AUTAGA	12	32 26	86 10	470		6A J. B. NEIGEDORS	3 4	MOBILE WB CITY	5483	MOBILE	9	30 42	88 02	10	MID	MID U.S. WEATHER BUREAU	2 3 4 5
BAWTON	0546	COLBERT	12	34 43	87 52	463	7P	7P TWA-462	2 3 5	MONT SANO	5529	MADISON	12	34 45	86 31	1650		7A TWA-530	3 4
BAY MINETTE	0583	BALDWIN	9	30 53	87 47	268	7P	7P GROVER W. WOODWARD	2 3 5	MONTVALLO	5537	SHREVEPORT	3	33 06	86 33	462		8A M. P. JETER	3 4
BEATRICE	0616	MORGAN	1	31 44	87 13	520	7A	7A W. P. DUNN	2 3 5	MONTGOMERY WB AIRPORT	5550	MONTGOMERY	1	32 18	86 23	191	MID	MID U.S. WEATHER BUREAU	2 3 4 5
BEAUREGARD	0631	FRANKLIN	12	34 26	87 52	910		MID TWA-62	2 3 5	MONTGOMERY WB CITY	5555	MONTGOMERY	1	32 28	86 18	201	MID	MID U.S. WEATHER BUREAU	2 3 4 5
BELLE MIRA 2 N	0653	LIMESTONE	12	34 48	86 54	800	1P	1P ALA. POLY. INST.	2 3 5	MUSCLE SHOALS CAA AP	5555	MONTGOMERY	1	32 28	86 18	201		8A ROBERT P. STORRS	3 4
BERRY	0740	FAYETTE	2	33 40	87 36	452		MID MISS CLARA R. OLIVE	3 4	NEW BROCKTON	5749	COLBERT	12	34 44	87 36	450	MID	MID CAA	2 3 5
BEYAR 2 SE	0790	MARION	13	34 12	88 09	531		MID W. H. WHITEHEAD	3 4	NEW BROCKTON	5842	COFFEY	5	31 23	85 56	540		MID E. EARL BOYETT	2 3 5
BILLINGSLEY	0823	AUTAGA	12	32 40	86 43	375		7A LEONARD C. WELDON	2 3 5	NEWBURN	5842	FRANKLIN	12	34 28	87 13	860		8A MRS. MINTA EDDINS	2 3 5
BIRMINGHAM WB AIRPORT	0831	JEFFERSON	2	33 24	86 45	610	MID	MID U.S. WEATHER BUREAU	2 3 4 5	NEW MARKET	5862	MADISON	12	34 54	86 26	725		7A TWA-624	3 4
BIRMINGHAM WB CITY	0836	JEFFERSON	2	33 22	86 46	614	5P	5P MRS. CARRIE B. HORTON	2 3 4 5	NEWTON	5875	DALLAS	3	31 20	85 37	218		11A FURN WYNN	3 4
BOAZ	0854	COLBERT	12	34 39	87 52	470		7A TWA-42	2 3 5	NEWTON	5875	DALLAS	3	31 20	85 37	218		7A MRS. MINTA EDDINS	2 3 5
BOAZ	0957	MARSHALL	2	34 13	86 10	284		7A WILFORD H. DOOLEY	3 4	OBARILE	6121	BLOUNT	1	32 18	86 30	837		8A EDWARD B. WARREN	2 3 5
BRANTLEY	1069	CHESSAW	6	31 35	86 16	284		8A R. E. HENDERSON	3 4	OBARILE	6121	DALLAS	3	31 23	85 39	400	SP	7A MRS. MARY E. SCOTT	2 3 5
BRENTON 3 MILES SSE	1084	ESCAMBIA	8	31 04	87 03	85	6P	6A MRS. CLARA T. PEAVY	2 3 5	PAINT ROCK	6226	JACKSON	12	34 40	86 20	610		MID TWA-69	3 4
BRIDGEMONT 2 W	1098	JACKSON	12	34 56	85 44	660		5P MISS M. LOUISE JONES	2 3 5	PANAMA CITY	6235	JEFFERSON	3	33 44	87 39	210		6P ROBERT P. STORRS	3 4
BROADSIDE	1108	MOBILE	9	31 45	87 13	531	6P	6A ALABAMA POWER CO.	2 3 5	PANAMA CITY	6235	JEFFERSON	3	33 44	87 39	210		7A U. S. ENGINEERS	3 4
CALERA	1288	SHELBY	7	33 06	86 45	500		8A ZEMPA P. HOLCOMBE	2 3 5	PANAMA CITY	6235	JEFFERSON	3	33 44	87 39	210		8A MRS. CHERIE GREEN	3 4
CALERA	1300	WILCOX	1	32 08	87 25	225	5P	5P ALA. POLY. INST.	2 3 5	PANAMA CITY	6235	JEFFERSON	3	33 44	87 39	210		7A MRS. DORA I. CLAY	3 4
CAMPBELL	1315	PICKENS	13	33 55	87 59	520		MID W. H. GRIFPIN, JR.	3 4	PANAMA CITY	6235	JEFFERSON	3	33 44	87 39	210		7A MRS. DELLA L. OAKLEY	3 4
CAMP HILL 2 N	1324	TALLAPOOSA	11	32 50	85 59	680	6P	6P ALA. POLY. INST.	2 3 5	PANAMA CITY	6235	JEFFERSON	3	33 44	87 39	210		7A MRS. DELLA L. OAKLEY	3 4
CARBON HILL	1428	WALKER	12	34 23	86 38	780	7A	7A MISS MARY C. RAY	2 3 5	PANAMA CITY	6235	JEFFERSON	3	33 44	87 39	210		7A MRS. DELLA L. OAKLEY	3 4
CENTER GROVE	1492	MORGAN	1	32 43	86 38	780	7A	7A W. D. BOLLIFIELD	2 3 5	PANAMA CITY	6235	JEFFERSON	3	33 44	87 39	210		7A MRS. DELLA L. OAKLEY	3 4
CENTREVILLE	1520	BIBB	3	32 57	87 08	230	7A	7A W. D. BOLLIFIELD	2 3 5	PANAMA CITY	6235	JEFFERSON	3	33 44	87 39	210		7A MRS. DELLA L. OAKLEY	3 4
CHATON	1566	WASHINGTON	13	31 28	88 15	195	6P	6P CHAS. C. SMITH	2 3 5	PANAMA CITY	6235	JEFFERSON	3	33 44	87 39	210		7A MRS. DELLA L. OAKLEY	3 4
CHILDERSBURG	1613	TALLADEGA	7	33 17	86 21	480		6A ALABAMA POWER CO.	2 3 5	PANAMA CITY	6235	JEFFERSON	3	33 44	87 39	210		7A MRS. DELLA L. OAKLEY	3 4
CHIRONVILLE	1685	MOBILE	9	31 45	87 13	531	6P	6A ALABAMA POWER CO.	2 3 5	PANAMA CITY	6235	JEFFERSON	3	33 44	87 39	210		7A MRS. DELLA L. OAKLEY	3 4
CHLANTON	1694	CHILTON	7	33 21	86 38	590	7A	7A RUGER M. SIMPSON	2 3 5	PANAMA CITY	6235	JEFFERSON	3	33 44	87 39	210		7A MRS. DELLA L. OAKLEY	3 4
CLAYTON	1722	CARROLL	5	32 53	85 57	550		5A EDWARD E. POPP	2 3 5	PANAMA CITY	6235	JEFFERSON	3	33 44	87 39	210		7A MRS. DELLA L. OAKLEY	3 4
CLAYTON	1807	MOBILE	9	31 45	87 13	531	6P	6A MRS. J. WIGGILL SYMON	2 3 5	PANAMA CITY	6235	JEFFERSON	3	33 44	87 39	210		7A MRS. DELLA L. OAKLEY	3 4
COLLINS SPRINGS	1840	WALKER	12	34 23	86 38	780	7A	7A MRS. J. WIGGILL SYMON	2 3 5	PANAMA CITY	6235	JEFFERSON	3	33 44	87 39	210		7A MRS. DELLA L. OAKLEY	3 4
COLLINSVILLE	1840	WALKER	12	34 23	86 38	780	7A	7A MRS. J. WIGGILL SYMON	2 3 5	PANAMA CITY	6235	JEFFERSON	3	33 44	87 39	210		7A MRS. DELLA L. OAKLEY	3 4
COLUMBIA	1865	HOUSTON	2	31 18	85 53	734	8A	8A MRS. J. WIGGILL SYMON	2 3 5	PANAMA CITY	6235	JEFFERSON	3	33 44	87 39	210		7A MRS. DELLA L. OAKLEY	3 4
COLUMBIA	1865	HOUSTON	2	31 18	85 53	734	8A	8A MRS. J. WIGGILL SYMON	2 3 5	PANAMA CITY	6235	JEFFERSON	3	33 44	87 39	210		7A MRS. DELLA L. OAKLEY	3 4
COLUMBIA	1865	HOUSTON	2	31 18	85 53	734	8A	8A MRS. J. WIGGILL SYMON	2 3 5	PANAMA CITY	6235	JEFFERSON	3	33 44	87 39	210		7A MRS. DELLA L. OAKLEY	3 4
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U. S. DEPARTMENT OF COMMERCE

CHARLES SAWYER, Secretary

WEATHER BUREAU

F. W. REICHELDERFER, Chief

RECEIVED
U. S. DEPARTMENT OF COMMERCE
WEATHER BUREAU
JUL 27 1950

CLIMATOLOGICAL DATA

ALABAMA

AUGUST 1950

Volume LVI No. 8



A. R. Long, Section Director - Montgomery

WEATHER SUMMARY

Despite a long dry spell over nearly half the State during the first 24 days, temperatures this August averaged nearly 2° lower than normal. There were no particularly high temperatures during the month. Exceptionally cool nights occurred at most stations around the 4th to the 8th and again from the 21st to the 24th. Monthly minima in many northern localities were near 50° or slightly lower.

Light scattered showers were reported in the north and central portions during the first two days, and there were more scattered showers, mostly in the north, from the 8th to the 11th. A period of widely scattered showers extended from the 14th to the 20th, but during this period showers occurred nearly everywhere in the north on the 15th. Another period of scattered showers was from the 25th to the 29th. On the 30th and 31st, a gulf storm moved northward through West Alabama and general rain, with mostly heavy accumulations, occurred over the entire State.

The distribution of precipitation during the first 24 days was such that, over the south central interior portion and in the extreme southeast, little effective rain occurred, and a serious drought was beginning to develop. In much of Montgomery and Lowndes Counties, rainfall during the first 28 days ranged from only a trace to a very small fraction of an inch for the entire period. This was the longest period on record for the Montgomery station during August with such a small accumulation of precipitation (0.04 inch). This record is remarkable since the season of scattered summer thundershowers normally runs through most of August.

Since there were heavy rains near the end of July, not much serious damage was done by the long period of ineffective rains in the south central and extreme northeast portion of the State during August. The dry weather was at least favorable for drying hay, and pasturage and most field crops were enabled to recover after the scattered showers during the last week and the general heavy rain on the 30-31st. Much corn was blown down over the southwestern two-thirds of the State by the tropical storm on the 30th, and many pecans were blown from the trees. Since a considerable portion of the corn crop is normally hogged down, the percentage of damage due to rotting on the ground before gathering is not likely to be great.

There were no floods in the larger streams during August.

LIGHTNING

Five people were killed by lightning on the 16th. Near Hartselle, two members of a family were killed while taking refuge from a thundersquall in a storm cellar. Property damage was about \$100. At Brilliant, two men were killed when they got under a pine tree to get out of a shower. At Greensboro, another man was killed when lightning struck a tree near a car shed under which he was standing during a shower.

THUNDERSQUALL

Two filling stations and a store were damaged, and several trees uprooted, by a thundersquall on Moffatt Road, in the outskirts of Mobile, on the 16th. Damage amounted to about \$500.

HURRICANE

The hurricane on the afternoon and evening of the 30th moved inland, with the center passing about 20 miles east of Mobile. By the morning of the 31st, the disturbance was centered in extreme Northwest Mississippi, where it was, of course, much weakened.

Considerable roof and miscellaneous light damage was done to houses and other buildings in Monroe County. The wind was progressively lighter eastward and northward, so that no damage was done in the eastern border counties and in the extreme northeast.

Some slight damage was done to most houses in Frisco City, Monroe County, but property losses were slight farther south, except along the beach areas. The following paragraphs are from the report of the Official in Charge of the Weather Bureau Office at Mobile:

There was no damage reported in the immediate vicinity of Mobile. Some oyster houses were demolished at Cedar Point and on Dauphin Island; this apparently being the only destruction on the east side of the storm track. Tides in Mobile Bay had remained well above normal for several days preceding the storm but the highest reached was only 4 feet above normal and this occurred after danger from storm winds had passed.

The Gulf Shores and Orange Beach areas of Baldwin County reported rather heavy damage from wind and tides. Many property owners reported damaged roofs while shifting sands in the resort area piled up in the lower floors of buildings not on pilings. All wharves in this area were destroyed. There was some damage to pecan orchards and crops in the section of Baldwin County east of the storm center. Estimated damage in the Baldwin County area is \$100,000.00. This may be increased when the full effect on ground crops and pecan orchards is learned. Approximately 50 pleasure and fishing boats are moored in this area. With adequate warning all of these boats were removed to places of safety and, so far as is known, not one was damaged.

The limit of the area in which roof damage occurred included the southwestern fourth of the State. Uprooted trees occurred over an area including about one half of the remainder of the State and extended to within 30 to 60 miles of the Georgia line in the east, and to the Tennessee line in the northwest corner of the State.

Although far inland from the coast, damage in the Birmingham area was estimated at \$150,000.00 when falling trees broke down power and communication lines and did considerable roof and other building damage. Three fourths of the city was without electricity for from 8 to 24 hours.

Property damage for the State as a whole was probably about \$500,000.00, not including the undetermined amount of crop losses.

---FCP

ACKNOWLEDGMENTS

In addition to the climatological data from some 6,000 Weather Bureau and cooperative weather stations, this bulletin series contains records from Hydroclimatic Network Stations which were formerly reproduced in the Hydrologic Bulletin Series. The Hydroclimatic Network is a nationwide net of rain gages--mostly of the recording type which produce continuous records of precipitation. It was established in 1939 at the request of the Corps of Engineers, Department of the Army, to supplement existing precipitation stations in order to provide records of rainfall intensity which were essential to the planning of flood control and related works by the Corps of Engineers. This Network, now numbering about 2,000 recording, and 1,000 non-recording rain gages, has been maintained by the Weather Bureau through working funds transferred annually to the Weather Bureau by the Corps of Engineers. These transfers averaged about \$250,000 per year between 1940 and 1944, and nearly \$375,000 since that date. For the years 1940-42, the Department of Agriculture transferred about \$100,000 per year to provide data required in its work, and since 1947 the Bureau of Reclamation has transferred about \$25,000 per year to meet the increasing needs of their program in the Western States.

Previous to the introduction of this bulletin series, data from Hydroclimatic Network stations were presented in bulletins (Hydrologic Bulletins) which were issued monthly for each of 8 drainage areas embracing the entire United States, but since the Network was established to meet the internal requirements of the Federal agencies referred to above, no provision was made for public dissemination of the data, distribution being limited to cooperating agencies and to certain public repositories. A list of locations where reference copies of the Hydrologic Bulletin Series are available for inspection may be obtained upon application to Chief, U.S. Weather Bureau, Washington 25, D.C.

Many other records published in this bulletin have been made available through the cooperation of various public offices, private agencies, and individuals as listed in the Station Index.

SUPPLEMENTAL DATA

ALABAMA
AUGUST 1950

Station	Wind direction		Wind speed m. p. h.				Relative humidity averages - percent				Number of days with precipitation								Percent of possible rainfall	Average sky cover sunrise to sunset	Degree days base																		
	Prevailing	percent of time from prevailing	Average	Fastest mile	Direction of fastest mile	Rate of fastest mile	12-30 a EST	6-30 a EST	12-30 p EST	6-30 p EST	Trace	01-09	10-49	50-99	100-199	200 and over	Total																						
ANNISTON WB AP	NE	16	5.1	-	-	-	-	-	-	-	3	3	3	0	2	0	11	-	-	See Table 2																			
BIRMINGHAM WB AP	E	10	5.6	45	SE	31	87	90	54	62	2	5	2	1	1	1	12	50	5.7		"																		
MOBILE WB CITY	NE†	12†	8.1†	40	NE	30	89†	88†	55†	74†	2	3	4	1	1	1	12	66	4.2		"																		
MONTGOMERY WB CITY	NW†	8†	5.5†	35	S	31	84†	87†	50†	62†	1	3	0	0	2	0	6	79	3.7		"																		
†AIRPORT DATA																																							

COMPARATIVE DATA

Table 1

Year	Temperature			Precipitation		Year	Temperature			Precipitation		Year	Temperature			Precipitation			
	Average	Highest	Lowest	Average	No of days 0.1 or more		Average	Highest	Lowest	Average	No of days 0.1 or more		Average	Highest	Lowest	Average	No of days 0.1 or more		
1884	78.3	102	52	2.29	6	1899	81.0	108	54	3.30	8	1934	80.9	104	59	5.97	12		
1885	79.7	102	56	3.79	11	1910	79.6	102	54	2.67	7	1935	81.5	107	51	5.11	11		
1886	79.5	103	56	4.35	10	1911	79.1	102	54	4.95	11	1936	80.9	103	51	5.76	9		
1887	79.8	102	59	2.83	5	1912	79.2	100	49	5.68	11	1937	80.9	103	62	5.04	12		
1888	79.3	98	52	7.37	11	1913	80.5	103	52	2.57	6	1938	81.6	106	58	3.89	7		
1889	77.4	97	51	3.27	9	1914	78.9	105	59	6.52	13	1939	78.6	99	53	10.59	13		
1890	77.5	97	50	4.46	9	1915	78.9	105	49	5.07	10	1940	80.5	102	52	2.93	8		
1891	78.5	102	44	2.73	6	1916	79.9	104	51	3.60	8	1941	80.8	101	52	5.29	11		
1892	78.7	100	56	6.21	14	1917	78.1	101	46	6.17	11	1942	78.7	101	53	6.43	12		
1893	78.2	100	50	5.00	9	1918	80.6	105	50	3.96	6	1943	82.2	109	54	3.64	7		
1894	78.7	103	54	6.91	12	1919	79.2	103	51	7.54	12	1944	79.6	101	58	6.42	12		
1895	80.1	100	45	5.23	12	1920	77.6	98	52	6.82	13	1945	80.3	102	50	3.06	7		
1896	82.2	106	50	2.35	6	1921	80.5	105	53	4.38	10	1946	78.4	100	45	4.87	8		
1897	78.9	106	53	5.61	10	1922	78.9	101	52	3.27	8	1947	81.2	105	60	3.68	10		
1898	78.8	102	59	7.51	14	1923	78.9	98	51	6.28	12	1948	79.3	103	52	3.77	8		
1899	81.3	103	58	3.71	8	1924	81.9	104	52	2.87	6	1949	79.6	99	57	4.61	11		
1900	81.7	105	62	2.94	4	1925	80.8	107	51	1.52	4	1950	77.8	100	46	5.22	10		
1901	78.7	104	54	8.47	12	1926	80.6	101	58	6.90	13	Period	79.7			4.73			
1902	82.2	107	52	3.54	8	1927	78.5	100	48	3.54	8								
1903	80.6	101	53	3.64	9	1928	80.9	100	57	4.55	11								
1904	78.4	101	55	5.62	12	1929	80.2	102	50	2.10	5								
1905	79.3	102	54	5.28	12	1930	78.5	108	50	3.56	7								
1906	80.6	102	55	3.65	10	1931	77.9	102	47	4.63	9								
1907	80.6	104	53	3.47	8	1932	80.8	102	58	5.36	11								
1908	79.5	104	52	3.44	8	1933	80.0	100	55	3.98	9								

See reference notes following Station Index

CLIMATOLOGICAL DATA

ALABAMA
AUGUST 1950

Table 2

Station	Temperature										Precipitation									
	Average	Departure from normal	Highest	Date	Lowest	Date	Degree days	No. of days		Total	Departure from normal	Greatest day	Date	Snow, Sleet, Hail			No. of days			
								Max 90° or above	Min 32° or below					Total	Max depth on ground at obsn.	Date	01 or more	25 or more	100 or more	
NORTHERN DIVISION																				
ALBERTVILLE 1 S	75.2M	- 3.0	90	1+	53	4			0	4.21	- .20	1.33	31	.0	0		9	5	2	
ANNISTON WB AIRPORT	76.0		93	13	54	4		7	0	3.51	- .54	1.26	15	.0	0		8	4	2	
BELLE MINA 2 N	74.5M		93	17	50	23			0	6.94		2.75	29	.0	0		9	8	2	
BIRMINGHAM WB APT	76.7	- 1.7	93	17	54	23		13	0	5.49	1.23	2.69	29	.0	0		10	3	2	
BIRMINGHAM WB CITY	78.5	- .7	96	24	58	4+		18	0	6.40	2.14	2.30	30	.0	0		10	4	3	
CORDOVA	76.0M	- 3.4	94	14+				16	0	7.74	3.41	2.87	30	.0	0		7	6	2	
DECATUR	76.3	- 3.0	93	17	57	23		3	0	9.36	5.45	2.41	29	.0	0		12	8	4	
FAYETTE	75.1		95	15	51	23		14	0	8.35	4.11	2.41	31	.0	0		13	7	3	
GADSDEN	76.1	- 3.2	93	13+	51	23		13	0	2.24	- 2.32	.47	30	.0	0		12	4	0	
GOODWATER	76.9	- 2.4	93	25	57	23		10	0	3.36	- 2.13	1.58	31	.0	0		8	3	1	
HALEYVILLE	73.1		89	14+	54	22		0	0	6.10		2.55	31	.0	0		8	5	2	
HUNTSVILLE	75.5		91	1+	52	23		4	0	6.57	2.66	2.54	31	.0	0		11	6	2	
MADISON	76.3M	- 2.9	92	18				6	0	5.45	1.66	1.44	29	.0	0		11	7	2	
MUSCLE SHOALS CAA AP	75.6	- 3.3	95	12	55	23		8	0	8.10	4.24	2.76	31	.0	0		10	9	3	
ONEONTA	76.8	- 1.2	94	16	50	4+		18	0	3.65	- 1.69	1.46	31	.0	0		6	4	2	
ROCK MILLS	76.6		96	13	54	4		20	0	2.93	- 2.28	1.25	31	.0	0		8	4	1	
SAINT BERNARD	74.9	- 2.5	92	17+	49	23		8	0	5.78	1.12	2.63	30	.0	0		11	5	2	
SAND MTN STA FRM AP	72.5M		93		53	4			0	5.30		1.45	31	.0	0		13	6	2	
SCOTTSBORO	75.3	- 2.1	92	12	53	4		11	0	6.39	2.25	2.10	26	.0	0		19	7	2	
TALLADEGA	75.3	- 4.2	95	16+	46	23		15	0	2.40	- 2.31	1.18	31	.0	0		6	3	1	
TUSCALOOSA CAA APT	78.4	- 2.6	97	15	56	23		18	0	6.61	2.33	2.14	31	.0	0		12	8	2	
UNIVERSITY	78.1	- 2.9	98	15	58	23		17	0	5.28	1.00	1.70	31	.0	0		12	6	2	
VALLEY HEAD	74.0M	- 2.7	90	17	48	23		1	0					.0	0					
DIVISION	75.8									5.55										
MIDDLE DIVISION																				
ALEXANDER CTY 6 NE	75.2M				55	4+		0	0	3.58		1.81	31	.0	0		9	3	1	
AUBURN	77.8	- 1.6	95	25	59	5		15	0	2.32	- 2.53	1.68	31	.0	0		9	2	1	
CAMDEN	80.0		97	24	60	5		27	0	3.22		2.25	31	.0	0		7	3	1	
CAMP HILL 2 NW									0	2.69		1.50	31	.0	0		6	3	1	
CENTREVILLE	79.6	- .8	95	13+	57	23		19	0	3.89	- 1.17	2.15	31	.0	0		7	3	2	
CLANTON	77.6	- 2.3	93	25	58	23		13	0	7.26	2.72	2.57	26	.0	0		8	5	3	
DAYTON	79.3M		98	22				6	0	3.01		2.10	31	.0	0		11	1	1	
EUFAULA	79.6	- .4	100	12	58	5		22	0	4.29	- 1.01	2.10	31	.0	0		8	5	1	
GREENVILLE	78.9	- 1.6	95	14+	59	5		20	0	3.85	- 1.57	3.38	31	.0	0		4	2	1	
HIGHLAND HOME	78.4	- 1.3	96	25	60	5		16	0	3.74	- 1.06	2.15	31	.0	0		6	3	1	
L5 FAYETTE	76.6		95	24+	58	4		13	0	4.03		1.57	31	.0	0		6	4	2	
LIVINGSTON	78.7	- 2.0	95	15	60	7		19	0	4.03	.41	2.09	31	.0	0		11	4	1	
MAXWELL FIELD	80.9		95	18+	64	5		25	0	2.75		1.31	30	.0	0		3	2	2	
MONTGOMERY WB APT	79.7		96	13+	61	5		26	0	3.06		1.83	30	.0	0		5	2	1	
MONTGOMERY WB CITY	79.9	- .9	95	24	64	5		18	0	2.35	- 1.88	1.26	30	.0	0		5	2	2	
PRATTVILLE	78.8	- .9	94	13+	61	5		20	0	2.91	- 2.43	2.10	31	.0	0		4	3	1	
PUSHMATAHA	78.1	- 2.0	92	2+	60	7		13	0	2.75	- 1.77	1.57	31	.0	0		3	3	1	
SELMA	80.8	- .4	98	14+	60	5		28	0	3.21	- 1.36	1.88	31	.0	0		7	3	1	
THOMASVILLE	79.1	- 1.5	97	24	63	5		21	0	6.30	1.53	3.23	31	.0	0		4	3	3	
TROY	78.7M	- 1.8	94	12+	62	5		20	0	6.72	1.43	4.40	31	.0	0		6	4	1	
TUSKEGEE	79.0	- 1.6	98	28	61	5+		19	0	2.75	- 1.46	1.78	31	.0	0		8	2	1	
UNION SPRINGS	78.0	- 2.4	96	24	59	5		22	0	4.11	- .82	2.22	31	.0	0		4	4	1	
WETUMPKA	79.4M	- 1.8	95	14	62	5+		0	0	3.34	- 1.39	1.93	31	.0	0		4	3	1	
DIVISION	78.8									3.75										
SOUTHERN DIVISION																				
ANDALUSIA	79.6		95	14+	62	5		22	0	7.62		4.53	31	.0	0		6	5	2	
ATMORE STATE FARM	81.1M							0	0	7.12				.0	0		7			
BAY MINETTE	80.0	- .4	96	14+	62	10		22	0	9.09	2.95			.0	0		10			
BREWTON 3 SSE	79.6	- 1.0	97	14	62	5		26	0	6.86	.65	4.52	31	.0	0		6	4	2	
CHATAM	78.8		98	15	59	7		25	0	5.95		1.99	31	.0	0		9	5	2	
CITRONELLE	80.0	- 1.0	95	15	68	5+		18	0	8.93	2.43	2.94	16	.0	0		9	6	4	
DOYER CAA AIRPORT	80.2		98	13+	63	5		27	0	5.17	- .26	2.08	30	.0	0		8	5	2	
EVERGREEN CAA APT	78.5	- 2.3	97	24	57	5		24	0	5.13	.20	3.04	30	.0	0		8	3	1	
FAIRHOPE	80.1	- .6	97	14	65	5		25	0	8.11	.88	4.36	31	.0	0		10	4	2	
PORT MORGAN	81.9		95	14	70	19+		14	0	11.48		8.70	30	.0	0		7	6	1	
FRISCO CITY	80.0		97	15+	62	5		28	0	3.94	- 1.56	2.95	31	.0	0		5	4	1	
GENEVA	79.9		99	13+	61	5+		30	0	6.25	1.26	4.94	31	.0	0		7	3	1	
HEADLAND	79.5		97	24	61	5		22	0	11.62		4.55	18	.0	0		8	7	3	
LOCKHART	79.7		96	25	61	7		19	0	8.78		5.42	31	.0	0		9	5	2	
MOBILE WB AIRPORT	80.7		96	15	68	5+		24	0	8.61		3.98	30	.0	0		14	6	2	
MOBILE WB CITY	81.5	.6	96	2	69	6+		20	0	6.56	- .36	3.73	30	.0	0		10	5	2	
OZARK	79.7	- .9	96	24	63	5		22	0	4.44	- 1.13	3.50	31	.0	0		5	4	1	
ROBERTSDALE 7 E	79.4		94	2+	65	10		19	0	7.42	- .04			.0	0		12			
SPRING HILL	81.2M	.3							0	10.10	2.93	4.04	31	.0	0		9	8	4	
DIVISION	80.1									7.64										
STATE	77.8	- 1.9								5.22	.49									

See reference notes following Station Index.

DAILY PRECIPITATION

AUG 17 1956

See reference notes following Station Index

ALABAMA
AUGUST 1950

See reference notes following Station Index

[illegible]

HOURLY PRECIPITATION

[illegible]

See reference notes following Station Index.

ALABAMA
AUGUST 1950

Station

P. M. Hour ending

Total

See reference notes following Station Index.

HOURLY PRECIPITATION

ALABAMA
AUGUST 1950

ALABAMA
AUGUST 1950

See reference notes following Station Index.

Table 4-Continued

HOURLY PRECIPITATION

ALABAMA
AUGUST 1950

Station	A. M. Hour ending												P. M. Hour ending												Total
	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	
VERNON				.01	.01	.02																			
WIDOWS CREEK STM PLT					.05															.04	.01	.04	.05	.09	.27
																									.05
-31st-																									
ABBEVILLE	.15	.17	.86	.53	.07	.01							.08	.01	.04	.01									1.94
ADDISON	.07	.13	.15	.19	.21	.95	.13						.02	.02	.02										1.87
ANNISTON WB AIRPORT							.75																		
ASHLAND	.01	.14	.22	.41	.18	.09	.06	.02	.37	.02					.33										
ATMORE STATE FARM	.11	.01																					.01		1.53
AUBURN SCS 10	.15	.35	.10	.20	.05			.05	.35	.90	.05		.05												.12
BELLEGRAVE	.10	.10	.20	.27	.33	.60	.80	.07	.02				.02												2.25
BERRY	.14	.16	.43	.44	1.09	.30	.05								.01	.01		.01	.09	.50	.10	.02			3.22
BOXAR 2 SE	.13	.13	.18	.22	.44	.16	.20			.05	.01	.01	.01	.01	.01		.01	.03	.02	.10	.03	.01			2.64
BIRMINGHAM WB APT	.07	.25	.35	.45	.29	.06	.22																		1.90
BOAZ			.19	.18	.43	.24	.19			.03	.01	.02							.01						1.70
CAMPBELL	.25	.06	.04	.01	.03	.01		.01																	1.29
DADEVILLE NO 2	.09	.17	.34	.28	.16	.04	.02	.01	.01																.42
DOTHAN CAA AIRPORT	.48	.77	.07	.01	.02	.03	.04		.10																1.12
EUTAW LOCK NO 7																									1.52
EVERGREEN CAA APT	6	2.72																							
FLAT ROCK					.22	.11	.06	.03	.03	.01		.04			.02										52
FORT MORGAN	//		.03																						.03
FORT PAYNE				.15	.16	.18	.09	.05	.06	.03															.72
GARDEN CITY	.03	.09	.23	.30	.13	.07	.05											.09							.99
GREENVILLE NO 2	1.05	.24	.01											.01		.01			.01						1.34
GUNTERVILLE REC		.12	.18	.28	.14	.02	.04	.03		.12					.01	.01	.03	.01	.02				.01		.93
HALFAYVILLE	.11	.11	.17	.17	.36	.07	.50	.03						.01	.01										1.61
HUNTSVILLE																									
JACKSON LOCK 1	6	.06	.05	.04	.02																				.17
JACKSONVILLE		.01	.10	.18	.13	.07	.02	.06																	.57
LAY DAM		.08	.24	.23	.05	.04	.01																		.65
MAGNOLIA		.50	.77	.03																					1.30
MARION 1 SSE		.32	.24	.60	.17			.02																	1.35
MIDWAY		.23	.19	.21	.10	.03	.04		.09	.47	.19	.01													1.56
MOBILE WB AIRPORT	6	1.60					.04																		.02
MOBILE WB CITY		.01	.01																						1.04
MONTGOMERY WB APT	6	1.38					.92						.01												2.42
MONTGOMERY WB CITY		.25	.44	.32	.02								.02	.01											
MOULTON		.06	.13	.17	.10	.22	.28	1.12	.29	.02			1.50		.01										
MUSCLE SHOALS CAA A	6	.18					.98																		
NEW BROCKTON		.67	.35	.08	.01	.01	.10	.20		.05									.16						.07
PAINT ROCK					.17	.10	.17	.04		.14	.15	.13													1.54
PETERMAN		.46	.04		.01	.02	.01	.02																	.90
PLEASANT HILL		.30	.42	.70	.10					.01			.01			.01	.03								.56
RIVER FALLS 2 NE		.95	.12	.01		.01																			1.58
THORSDY 1 SW		.24	.34	.35		.53	.12	.01																	1.10
TONFY					.10	.20	.10	.20		.02	.01				.12										1.59
TRAFFORD		.08	.12	.25	.40	.15	.04	.03	.02	.01												.23	.04		1.12
TROY		.54	.69	.60	.05	.13	.05																		1.10
TUSCALOOSA CAA APT	6	.47											.03												2.06
UNIVERSITY		.20	.22	.40	.55	.20	.07	.02		.01															1.67
VERNON		.25	.12	.28	.37	.38	.26	.01														.03			1.70
WIDOWS CREEK STM PLT				.17	.03	.10	.03																		.33

DAILY TEMPERATURES

ALABAMA
AUGUST 1950

Table 5

Station	Day of month																													Average		
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
ALBANYVILLE 1 S	MAX MIN	90 71	88 68	87 65	86 53	80 55	82 57	87 59	82 68	85 69	83 75	84 70	85 71	85 65	89 67	86 66	89 66	89 67	90 67	86 61	82 62	83 60	85 55	90 57	81 66	81 65	88 65	87 71	86 69	83 70	85 70	85.5 64.9
ALEXANDER CTY 6 NE	MAX MIN	91 66	87 64	87 70	83 55	82 55	87 59	88 57	88 59	88 61	88 61	88 61	88 61	88 64	88 64	88 67	88 67	88 64	88 66	88 63	88 61	88 58	90 55	93 56	88 63	85 65	91 64	90 66	84 67	84 68	87.7 62.6	
ANDALUSIA	MAX MIN	92 69	92 68	93 68	88 56	88 56	87 59	89 56	88 61	90 65	91 65	93 65	93 68	94 71	95 70	94 68	94 68	92 69	92 69	88 68	88 66	90 66	91 66	94 68	92 68	91 68	90 68	90 70	87 68	85 68	90.9 68.2	
ANNISTON WB AIRPORT	MAX MIN	90 69	89 68	86 61	81 54	83 56	85 59	88 56	88 61	84 65	88 65	90 65	91 65	93 68	89 68	87 68	89 68	89 68	86 68	84 64	87 62	85 55	89 55	91 58	88 66	85 67	91 68	89 68	88 69	85 71	86 71	87.1 64.4
ATMORE STATE FARM	MAX MIN	94 75	95 71	93 70	90 70	89 64	90 70	92 67	93 69	93 67	94 66	95 67	96 69	97 73	97 72	97 73	94 68	93 70	94 70	92 69	92 66	94 67	97 67	95 69	95 68	91 68	91 68	89 69	89 69	79 69	89 69	92.9 69.2
AUBURN	MAX MIN	88 68	89 69	90 71	86 61	83 59	85 60	86 63	88 63	88 65	88 66	89 66	92 66	92 67	93 69	93 69	86 69	89 66	92 66	92 66	88 63	90 63	89 65	91 65	95 66	91 67	87 68	90 69	90 68	90 68	89.3 66.3	
BAY MINETTE	MAX MIN	94 74	94 68	89 69	89 72	87 65	89 68	92 68	91 72	90 67	92 68	94 70	95 73	96 73	96 72	93 70	92 68	93 68	92 68	88 70	90 69	91 67	93 67	96 67	91 67	93 67	91 68	87 69	84 70	75 70	88 70	90.8 69.2
BELLE MINA 2 N	MAX MIN	90 83	91 64	90 63	81 53	83 54	85 55	86 56	89 59	86 68	87 66	88 65	89 62	82 64	91 61	87 66	90 65	89 65	87 60	86 54	87 56	90 50	92 56	83 56	84 65	92 65	88 65	89 65	87 66	81 66	87.3 61.7	
BIRMINGHAM WB APT	MAX MIN	90 70	90 69	85 68	81 56	82 59	86 61	86 63	88 62	84 66	88 67	88 69	88 67	91 69	91 69	90 68	93 69	88 69	86 68	86 67	85 62	90 54	91 58	85 62	81 68	90 68	90 68	86 69	88 69	88 69	87.7 65.6	
BIRMINGHAM WB CITY	MAX MIN	90 73	92 69	87 68	85 58	84 60	89 62	90 66	91 66	87 66	89 68	89 69	94 69	93 69	94 72	94 72	93 71	92 69	90 69	90 68	89 63	87 58	93 56	96 62	87 68	83 69	92 68	91 68	90 68	83 69	86 69	89.7 67.3
BREWTON 3 SSE	MAX MIN	94 71	94 65	92 67	90 62	89 67	90 63	91 65	93 65	93 63	94 65	95 65	95 70	96 67	96 69	95 70	94 69	93 69	94 67	89 67	91 69	91 65	94 66	95 66	94 66	92 66	90 68	88 69	88 69	89 69	92.1 67.1	
CAMDEN	MAX MIN	92 72	92 68	90 68	91 65	92 68	91 66	91 66	89 68	91 68	93 68	95 68	96 68	96 70	95 70	93 69	94 69	94 68	94 68	93 68	90 68	91 66	92 66	97 66	95 66	92 68	92 68	91 68	89 68	89 68	92.0 68.0	
CAMP HILL 2 NW	MAX MIN	90 66	90 65	85 65	83 55	82 54	84 57	86 59	88 60	87 62	90 60	90 60	90 60	90 60	90 60	90 60	90 60	90 60	90 60	90 60	90 60	90 60	90 60	90 60	90 60	90 60	90 60	90 60	90 60	90 60	90 60	88.2
CENTREVILLE	MAX MIN	89 70	88 68	93 69	90 66	85 62	88 66	89 63	89 67	90 70	90 70	89 71	95 72	95 74	95 73	95 70	90 67	94 68	90 68	88 70	91 66	88 66	93 57	90 60	92 65	88 68	89 71	91 75	91 72	85 69	90.5 68.6	
CHATOM	MAX MIN	93 72	93 66	90 68	90 66	88 66	91 65	92 65	92 63	91 68	92 63	95 66	95 66	96 66	96 66	96 66	96 66	96 66	96 66	96 66	96 66	96 66	96 66	96 66	96 66	96 66	96 66	96 66	96 66	96 66	96 66	91.8 65.8
CITRONELLE	MAX MIN	92 74	92 71	87 70	88 68	87 68	88 69	88 71	88 69	90 69	92 70	92 70	94 73	94 73	95 74	90 69	91 69	90 72	90 69	85 68	87 68	88 68	90 72	93 70	93 72	91 69	91 69	88 71	87 71	86 70	89.4 70.5	
CLANTON	MAX MIN	90 72	91 67	92 71	88 60	84 59	87 63	88 60	89 62	90 67	90 67	92 67	92 68	91 68	90 70	91 70	90 68	90 69	90 67	90 68	88 64	88 60	88 58	88 60	88 64	88 66	88 66	88 69	88 70	87 70	88.8 66.3	
CORDOVA	MAX MIN	92 71	92 69	85 69	85 58	88 59	88 55	89 55	89 59	88 66	91 66	93 66	92 65	92 65	94 68	92 67	87 67	85 65	85 64	85 58	85 58	94 58	90 56	83 66	88 69	88 64	92 64	92 64	92 64	92 64	89.4 62.6	
DAYTON	MAX MIN	92 70	92 69	88 67	84 62	83 62	87 62	89 62	92 62	90 68	91 68	93 68	93 68	94 68	94 68	92 68	92 68	92 68	92 68	92 68	92 68	92 68	92 68	92 68	92 68	92 68	92 68	92 68	92 68	92 68	92 68	90.9 67.7
DECATUR	MAX MIN	91 72	88 72	81 67	79 61	83 61	84 63	86 62	89 63	84 72	84 69	87 68	87 69	86 71	89 69	84 69	93 71	89 70	83 70	82 65	81 63	81 60	85 57	80 63	80 63	88 68	88 68	86 68	87 68	83 69	84 69	85.4 67.2
DOTHAN CAA AIRPORT	MAX MIN	94 72	95 68	90 69	86 66	83 63	91 69	91 65	90 65	96 64	96 66	97 66	98 66	97 66	95 66	92 66	94 66	96 66	91 66	91 66	91 66	91 66	91 66	91 66	91 66	91 66	91 66	91 66	91 66	91 66	91 66	92.3 68.1
EUFULA	MAX MIN	93 71	95 69	89 69	87 64	88 63	91 68	92 62	89 63	86 63	88 67	100 67	95 69	97 68	97 68	95 67	93 67	95 67	93 68	93 68	93 68	93 68	93 68	93 68	93 68	93 68	93 68	93 68	93 68	93 68	93 68	92.4 66.8
EVERGREEN CAA APT	MAX MIN	92 68	92 64	88 66	86 57	86 57	92 61	92 62	91 62	90 62	93 64	96 65	96 68	96 68	94 68	94 66	93 68	93 68	91 67	90 67	93 67	97 60	95 60	95 60	95 66	95 66	91 67	91 67	88 68	77 68	91.6 65.4	
FAIRHOPE	MAX MIN	93 73	93 72	92 70	90 65	90 65	93 68	90 68	89 67	90 66	93 66	92 66	93 66	93 66	93 66	93 66	93 66	93 66	93 66	93 66	93 66	93 66	93 66	93 66	93 66	93 66	93 66	93 66	93 66	93 66	93 66	91.0 69.1
FAYETTE	MAX MIN	89 67	92 68	92 70	87 65	83 58	84 54	88 56	89 56	91 66	86 64	87 64	92 64	92 64	95 64	92 64	92 64	90 64	86 61	86 58	85 53	86 51	89 58	91 61	76 64	84 61	90 68	90 67	87 67	81 68	88.2 62.0	
FORT MORGAN	MAX MIN	88 78	88 77	89 76	87 71	87 75	88 75	89 76	88 75	88 72	88 72	91 75	91 77	91 78	91 79	91 76	91 74	91 75	91 70	91 75	91 74	91 75	91 75	91 75	91 75	91 75	91 75	91 75	91 75	91 75	91 75	89.1 74.7
FRISCO CITY	MAX MIN	91 73	93 68	94 68	90 60	88 62	90 65	92 67	91 65	92 65	91 66	94 66	96 66	96 67	92 65	93 64	93 64	93 64	93 64	93 64	93 64	93 64	93 64	93 64	93 64	93 64	93 64	93 64	93 64	93 64	93 64	92.2 67.7
GADSDEN	MAX MIN	89 70	92 68	92 68	84 56	82 56	84 54	86 58	88 58	91 65	86 65	90 64	93 66	92 65	88 65	91 65	92 65	93 65	88 65	86 62	86 57	86 51	86 54	86 64	86 65	86 65	86 65	86 65	86 65	86 65	86 65	88.8 63.3
GENEVA	MAX MIN	92 68	95 66	95 66	92 65	91 62	92 62	93 65	92 62	92 63	93 65	95 65	99 68	98 68	98 68	97 67	97 67	95 67	92 67	92 67	95 67	95 67	95 67	95 67	95 67	95 67	95 67	95 67	95 67	95 67	95 67	93.9 65.8
GOODWATER	MAX MIN	88 70	90 68	90 71	86 59	83 63	80 60	86 62	89 62	86 65	90 65	90 66	92 66	92 66	92 66	92 66	92 66	92 66	92 66	92 66	92 66	92 66	92 66	92 66	92 66	92 66	92 66	92 66	92 66	92 66	92 66	88.2 65.5
GREENVILLE	MAX MIN	90 70	92 70	88 72	85 59	85 58	88 64	90 62	89 64	89 65	92 65	94 65	93 65	95 65	92 65	91 65	90 65	89 65	89 65	91 65	91 65	92 65	92 65	92 65	92 65	92 65	92 65	92 65	92 65	92 65	92 65	90.3 67.5
HALEYVILLE	MAX MIN	87 68	85 66	80 62	76 55	81 58	82 58	87 60	85 62	83 65	86 65	88 65	87 66	89 66	85 66	89 66	85 66	80 66	81 66	80 66	79 66	84 66	86 66	82 66	82 66	87 66	86 66	84 66	82 66	77 66	83.8 62.4	
HEADLAND	MAX MIN	91 71	93 68	89 67	87 65	87 65																										

DAILY TEMPERATURES

ALABAMA
AUGUST 1950

Table 5-Continued

Station	Day of month																													Average		
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
AXWELL FIELD	MAX MIN	93 74	94 70	90 74	87 68	89 64	90 68	90 66	92 67	90 70	92 70	91 72	94 73	93 73	94 73	88 75	83 74	95 72	94 73	90 72	91 70	90 68	90 65	95 66	89 70	84 70	95 69	93 72	93 73	85 72	90 73	91.2 70.6
MOBILE WB AIRPORT	MAX MIN	94 74	94 70	90 71	90 73	90 68	90 68	93 69	90 72	89 70	90 70	92 69	91 72	95 73	95 74	96 75	92 71	93 69	91 72	91 70	88 70	89 70	90 69	93 70	94 70	93 71	91 69	90 72	86 73	74 71	85 71	90.6 70.8
MOBILE WB CITY	MAX MIN	94 76	96 73	92 72	91 75	91 70	89 69	92 70	91 76	89 71	89 72	92 71	93 73	93 75	95 76	91 72	93 70	89 73	90 73	87 69	89 72	89 71	92 70	95 73	93 74	92 70	90 73	89 74	86 72	75 72	85 72	90.5 72.4
MONTGOMERY WB APT	MAX MIN	92 72	92 67	90 71	86 66	87 61	91 67	91 64	91 63	90 67	91 68	93 70	95 70	96 70	96 71	94 69	94 72	93 71	94 68	89 71	92 68	90 68	93 64	93 63	89 68	86 68	93 66	91 69	92 70	83 71	84 70	87.9 67.9
MONTGOMERY WB CITY	MAX MIN	91 73	92 71	89 73	85 68	87 64	88 68	88 66	90 68	88 70	90 72	91 72	93 73	94 74	93 72	87 73	92 70	91 72	92 70	88 70	90 67	90 66	95 67	89 68	81 67	81 68	92 69	90 71	89 72	83 71	87 71	89.6 70.2
MUSCLE SHOALS CAA A	MAX MIN	91 75	85 69	80 64	80 58	81 64	84 63	84 60	87 60	84 69	88 67	91 66	95 68	91 69	87 68	92 69	90 70	82 67	81 63	83 60	80 57	85 55	84 50	84 55	82 68	80 67	88 64	85 69	80 68	81 69	76 69	85.2 65.9
MOBIL	MAX MIN	90 69	90 69	90 66	84 50	80 53	83 57	85 54	89 59	91 68	90 67	89 63	90 61	93 63	92 65	90 67	94 67	91 66	92 67	92 66	91 66	86 58	89 55	85 50	88 55	93 68	84 67	80 69	93 67	90 69	84 67	88.6 63.0
MOBILE	MAX MIN	90 72	91 67	89 67	86 66	86 63	88 70	91 65	90 66	88 65	93 64	94 68	95 69	94 71	94 71	90 70	95 71	91 69	95 70	88 69	89 71	93 67	94 67	96 67	95 68	94 67	96 69	90 69	91 69	86 67	77 68	91.0 68.3
MOBILE	MAX MIN	91 70	92 66	88 66	85 61	85 61	89 67	90 62	91 62	90 65	92 66	93 66	93 67	94 68	94 67	89 68	91 72	92 69	91 68	87 66	89 66	88 62	90 61	94 61	81 68	87 66	93 66	92 67	83 72	89 71	90.3 67.2	
MUSKOGEE	MAX MIN	88 72	92 68	92 66	87 62	85 67	82 60	84 60	88 68	92 69	87 69	85 69	88 70	92 68	92 69	92 72	90 69	91 68	90 68	89 68	83 65	86 65	87 63	85 63	90 67	90 67	89 67	90 71	89 71	83 71	88.4 67.8	
NEBERTSDALE 7 E	MAX MIN	93 74	94 71	90 75	88 72	88 66	89 69	88 67	88 69	88 67	88 65	92 66	94 71	94 73	93 70	92 69	92 70	90 69	88 70	90 68	90 66	93 66	92 66	91 66	92 66	84 68	86 71	84 71	76 71	87 69	89.5 69.3	
MOBILE	MAX MIN	92 66	91 66	88 66	85 54	87 56	89 55	90 55	89 55	89 58	89 58	93 62	95 64	96 62	92 65	90 66	94 67	92 66	88 65	91 65	90 59	92 56	95 56	93 56	88 66	90 66	90 66	81 67	89 67	81 68	90.4 62.8	
MOBILE	MAX MIN	88 68	91 65	89 66	83 54	79 57	83 58	84 57	86 58	88 66	83 67	88 64	89 64	89 65	90 65	88 67	92 67	91 67	91 62	84 60	85 56	83 49	88 56	92 56	80 66	81 66	90 67	87 67	88 66	82 68	86.7 63.0	
MOBILE	MAX MIN	70 68	68 69	69 53	53 55	57 57	54 54	63 63	68 67	65 65	62 62	66 62	66 62	67 62	67 62	66 65	87 66	86 65	82 67	80 66	76 56	74 57	78 54	75 58	68 64	64 64	67 67	70 70	82 83	83 70	81.6 63.3	
MOBILE	MAX MIN	90 70	91 67	88 65	83 53	85 54	84 57	88 57	90 60	83 65	88 67	90 65	92 66	90 68	85 66	86 66	90 68	87 67	86 68	84 66	85 56	91 56	90 56	81 56	83 67	90 67	89 67	83 67	85 68	87 68	86.9 63.6	
MOBILE	MAX MIN	93 71	93 67	91 72	87 60	88 66	93 65	93 65	92 68	93 68	94 68	96 70	97 70	98 72	97 70	96 71	96 70	94 70	90 68	92 67	92 63	94 61	98 61	94 69	90 67	95 67	96 70	94 70	85 72	91 71	93.3 69.2	
MOBILE	MAX MIN	92 75	95 72	95 72	91 69	90 69	90 69	93 73	92 69	92 69	92 69	91 72	93 74	95 75	96 75	93 73	90 68	93 71	89 70	86 70	86 68	94 70	92 72	91 70	92 70	91 70	87 71	88 73	83 70	91.4 71.0		
MOBILE	MAX MIN	90 70	90 66	86 68	83 58	83 58	88 59	88 57	88 62	89 57	88 57	92 62	93 62	94 64	93 60	95 60	93 59	89 61	87 56	93 50	89 46	90 50	95 46	86 59	85 66	85 66	90 67	90 67	84 69	86 69	89.3 61.2	
MOBILE	MAX MIN	91 70	92 69	88 70	86 67	84 63	88 66	91 66	91 66	80 68	91 68	92 69	93 71	94 69	96 69	94 68	95 69	93 68	90 67	86 65	89 65	89 66	92 68	97 67	92 66	92 66	91 69	90 69	78 70	86 68	90.2 68.0	
MOBILE	MAX MIN	90 72	91 69	88 70	85 66	85 62	89 64	89 63	90 64	90 68	92 68	94 68	93 70	93 70	92 68	92 71	92 66	90 67	87 67	88 66	90 66	92 65	94 67	93 66	91 66	91 66	91 66	82 67	90 68	90.1 67.3		
MOBILE	MAX MIN	93 70	91 66	89 68	84 61	85 60	89 59	90 64	93 69	91 69	93 69	95 68	95 68	95 70	97 70	90 70	96 70	89 69	87 65	88 59	88 56	92 61	94 56	82 56	88 56	93 66	94 66	93 66	84 69	86 68	90.4 66.4	
MOBILE	MAX MIN	88 72	90 72	89 72	86 64	83 61	86 63	86 63	88 63	90 70	88 63	97 68	90 69	91 68	92 68	92 71	84 68	92 69	97 67	92 66	88 64	90 62	93 62	91 67	96 67	94 67	89 67	98 69	97 67	90 67	90.5 67.4	
MOBILE	MAX MIN	92 70	92 65	88 69	85 62	86 59	89 64	90 62	90 63	90 66	93 66	95 67	95 68	95 67	95 67	85 68	92 67	89 65	91 68	91 66	90 62	91 61	96 62	92 65	89 65	92 65	90 67	91 67	84 66	81 67	90.6 65.4	
MOBILE	MAX MIN	92 71	91 69	87 68	83 62	83 61	87 64	90 64	90 70	88 64	90 70	91 68	92 69	95 70	98 72	90 69	96 70	93 70	87 68	86 65	88 60	90 58	92 64	82 60	86 58	92 67	90 67	90 72	83 70	82 70	88.9 67.2	
MOBILE	MAX MIN	88 69	88 65	84 63	85 58	85 55	85 58	85 55	82 65	87 66	88 66	89 64	88 65	81 65	83 66	87 65	90 62	89 65	88 64	84 56	83 52	82 48	84 54	89 64	83 66	80 67	83 67	86 67	85 68	84 68	85.2 62.8	
MOBILE	MAX MIN	92 73	91 69	89 72	86 65	85 62	90 64	91 65	89 69	90 68	92 70	94 70	95 71	94 71	87 73	92 70	91 71	89 70	91 71	90 68	91 64	92 62	89 62	91 69	89 71	91 67	90 72	87 72	80 71	90.2 68.6		

EVAPORATION AND WIND

Table 6

Station	Day of month																															Total or ave	
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
AUBURN	EVAP	.11	.25	.31	.34	.30	.27	.28	.26	.33	.27	.33	.29	.31	.33	.31	.26	.18	.16	.26	.28	.41	.31	.33	.36	.36	.22	.11	.24	.27	*	*	*
	WIND	29	44	45	15	25	72	45	1	18	12	18	28	23	33	48	17	14	9	20	45	44	49	45	54	40	52	52	60	49	55	122	1.183
FAIRHOPE	EVAP	.22	.31	.23	.21	.26	.22	.23	21	.14	.14	.13	-	-	.17	.17	.15	.19	.20	.14	.24	.21	.24	.25	.24	.17	.18	.08	.22	.06	-	-	B5 98
	WIND	37	30	38	2	19	13	8	2	8	15	*	18	25	21	7	7	4	36	4	19	26	8	16	10	20	11	4	20	10	25	89	552

See reference notes following Station Index

STATION INDEX

ALABAMA
AUGUST 1960

Station	Index No.	County	Drainage ¹	Latitude	Longitude	Elevation	Observation time	Observer	Refer to tables
ABBEVILLE	0008	KIRBY	4 31 34	85 15	455			MID J. P. MITCHELL	3 4
ADDISON	0063	WINSTON	1 34 13	87 10	100			MID PALMER GOSSET	3 4
ADDISON CENTRAL TOWER	0071	LAWRENCE	3 34 25	87 19	1500			WA U. S. FOREST SERVICE	3 4
ADLER	0140	WILCOX	1 32 14	87 15	175			SA SIDNEY J. HARDY, JR.	3 4
ADLERVILLE 1 S	0148	MARSHALL	1 32 38	88 13	1114			SA PAT W. COVINGTON	3 5
ALEXANDER CITY 6 W	0163	TALLAPOOSA	11 32 59	85 52	600	5P		SP F. E. BLACKBURN	2 3 5
ALICEVILLE	0178	PICKENS	11 32 58	88 10				WA ROSIE PHILLIPS	3 4
ANDALUSIA	0232	COVINGTON	6 31 19	86 35	346	8A		WA W. H. GARNETT	3 4
ANNISTON CAA AIRPORT	0272	COBALT	7 33 35	85 01	599	8A		MID CIVIL AERO ADM.	2 3 4 5
ARLEY	0338	WINSTON	1 34 04	87 13				WA MRS. LESSIE SILLER	3 4
ASHLAND	0369	CLAY	11 31 36	85 50				MID HENRY L. MC QUEEN	3 4
ASHVILLE	0377	ST. CLAIR	7 33 50	86 16	880			WA NORMAN R. PRITCHETT	3 4
ATWOOD	0390	LIMESTONE	12 34 48	86 59	709	7A		WA TV-62	3 4
ATWOOD STATE FARM	0402	ESCAMBIA	8 31 10	87 28				SP ATWOOD STATE FARM	2 3 4 5
AUDEN	0442	LEE	11 32 36	85 30	732	8A		MRS. MARTHA I. BOONE	2 3 4 5
AUDUBON SCB 10	0427	LEE	11 32 36	85 29				MID SOIL CON. SERVICE	3 4
AUTLAUGVILLE	0440	AUTLAUG	9 30 26	86 39				GA J. B. NEIGHBORS	3 4
BARTON	0546	COLBERT	12 34 33	87 52	463	7A		WA TV-4	3 4
BAY WIRETTE	0583	BALDWIN	1 32 53	87 47	288	6P		TP GROVER W. WOODWARD	3 4
BATRIS	0616	MOORE	1 31 44	87 13	230			WA W. P. DURN	3 4
BELGREEN	0631	FRANKLIN	12 34 28	87 52	910			MID TV-43	3 4
BELLE MINA 2 N	0655	LIMESTONE	12 34 42	86 54	600	4P		AL ALA. POLY. INST.	2 3 5
BERRY	0710	FAYETTE	12 34 10	87 36	452			MID MISS CLARA L. OLIVE	3 4
BEKAR 2 SE	0790	MARION	11 34 12	88 09				MID W. B. WHITEHEAD	3 4
BILLINGSLEY	0823	AVADIA	1 32 40	86 43	375	7A		LEONARD C. WILSON	3 4
BIRMINGHAM WB AIRPORT	0833	JEFFERSON	12 34 45	86 50	600	5P		MID U.S. WEATHER BUREAU	2 3 4 5
BIRMINGHAM WB CITY	0836	JEFFERSON	12 34 32	86 50	694	5P		MRS. CARRIE B. HORTON	2 3 5
BISHOP	0854	COVINGTON	12 34 39	86 05	470	7A		TV-42	3 4
BOAT	0897	MARSHALL	1 34 13	86 35	100	7A		WILFRED B. DOOLEY	3 4
BRANTLEY	1069	CRANSHAW	6 31 35	86 16	284	8A		R. E. HENDERSON	3 4
BRENTON 3 SE	1084	ESCAMBIA	8 31 04	87 03	85	6P		MRS. CLARA T. PEAVY	2 3 5
BRIDGEPORT 2 W	1099	JACKSON	12 34 56	85 44	640	5P		MISS M. LOUISE JONES	3 4
BRUNSDIGT	1178	PIKE	5 31 43	85 49	515	7A		GAO. L. HICKS	3 4
CALERA	1288	SHELBY	8 31 04	85 45	500	8A		EDNA P. BOULDER	3 4
CANDLER	1300	WILCOX	1 32 00	87 20	225	5P		AL. POLY. INST.	2 3 5
CAMPBELL	1315	CLARK	11 31 55	87 59				MID W. B. GRIFFIN, JR.	3 4
CAMP HILL 2 W	1312	TALLAPOOSA	11 32 30	86 58	680	6P		AL. POLY. INST.	2 3 5
CARBON HILL	1377	WALKER	2 33 54	87 32	430	3A		MISS MARY C. RAY	3 4
CENTER GROVE	1492	MORGAN	12 34 23	86 38	780	7A		TV-4	3 4
CENTREVILLE	1520	DIBB	3 32 37	87 08	230	7A		W. D. DOLLIFIELD	2 3 5
CHABOT	1566	WASHINGTON	11 31 28	88 15	195	6P		CHAS. C. SMITH	2 3 5
CHILDRERSBURG	1611	TALLAPOOSA	8 31 04	87 10	180	6A		ALABAMA POWER CO.	3 4
CITRONELLE	1685	MOBILE	9 31 05	88 14	331	6P		B. O. JONES	3 4
CLANTON	1694	CHILTON	7 32 51	86 38	590	7A		HUGH M. SIMPSON	3 4
CLAYTON	1725	HARBOUR	11 32 30	87 17	207	TP		P. F. SMITH	3 4
COFFEE SPRINGS	1807	GENEVA	5 31 10	85 55	255	6P		MRS. J. VIRGIL STUM	3 4
COLLINSVILLE	1849	DE KALB	7 34 10	85 52	734	7A		MRS. S. CUMMINGS	3 4
COLUMBIA	1905	HOUSTON	11 32 30	86 06	390	8A		CITY OF HOUSTON	3 4
CORDOVA	1940	WALKER	2 33 46	87 11	334	5P		MRS. C. GREENSHAW	2 3 5
CUBA	2079	SUMTER	11 32 26	88 23	215	7A		ROBERT P. HARRIS	3 4
DADDEVILLE	2119	TALLAPOOSA	11 32 50	86 45	760	8A		DR. W. B. FULTON	3 4
DADDEVILLE NO 2	2124	TALLAPOOSA	11 32 53	86 46	750			MID J. D. LANE	3 4
DANCY	2141	PICKENS	11 32 01	88 17	207	TP		P. F. SMITH	3 4
DANVILLE	2149	MORGAN	12 34 25	87 04	595	7A		TV-503	3 4
DAYTON	2188	HARBOUR	11 32 22	87 39				6P JAMES M. CRAWF	2 3 5
DECATUR	2207	MORGAN	12 34 27	86 58	573	6P		MRS. P. TRIMBLE	2 3 5
DECATUR NO 4	2216	MORGAN	12 34 37	86 59	600	7A		TV-63B	3 4
DECATUR SUBSTATION	2221	MORGAN	12 34 36	86 58	588	8A		TV-411	3 4
DEMOPOLIS LOCK 4	2222	MORGAN	11 32 31	87 13	100	7A		J. A. ROBERTSON	3 4
DOTAN CAA AIRPORT	2372	HOUSTON	5 31 15	85 27	322	MID		MID CIVIL AERO ADM.	2 3 4 5
ELBA	2577	COFFEE	10 31 25	86 04	204	9A		DOZIER B. ROBERTS	3 4
ELROD	2632	TUSCALOOSA	11 33 15	87 48	252	7A		K. V. BERRY	3 4
ETAPULA	2727	BARTON	4 32 47	87 50	154	7A		H. H. MACGANS	2 3 5
ETAPULA LOCK NO 7	2728	GENEVA	4 32 47	87 50	154	7A		H. H. MACGANS	2 3 5
EVERGREEN	2758	CONCHE	6 31 26	86 58	340	8A		MRS. JESSIE D. GILSON	CLOSED 3/0
FAIRBANKS CAA AP	2827	COVINGTON	12 34 30	86 58	600	8A		MID CIVIL AERO ADM.	2 3 4 5
FAIRBANKS	2813	BALDWIN	9 30 32	87 55	233	MID		SP HAROLD F. YATES	2 3 5
FALCO 5 NE	2832	COVINGTON	9 31 06	86 33				U.S. FOREST SERVICE	3 4
FALVELL	2840	MORGAN	12 34 30	86 58	620	7A		U.S. FOREST SERVICE	3 4
FALLS CITY 6 W	2848	WINSTON	2 34 04	87 20	650	7A		U.S. FOREST SERVICE	3 4
FARLEY	2867	MADISON	12 34 38	86 34	870	8A		TV-57	3 4
FAYETTE	2883	FAYETTE	11 33 41	87 50	359	8A		LOUIS V. KILLINGSWORTH	2 3 5
FAYETTE ROCK	2945	JACKSON	12 34 46	85 41	1380	7A		TV-57	3 4
FLORENCE AT LOCK	2976	FLORENCE	11 33 47	87 53	890	7A		U. S. ENGINEERS	3 4
PORT DEPOSIT	3024	LOWNDES	6 31 59	86 35	520	9P		MRS. ISABEL C. HUGHES	3 4
PORT MORGAN	3035	BALDWIN	9 30 14	88 01		9P		W. H. CHANDLER	2 3 4 5
PORT PAYNE	3045	DE KALB	7 34 26	85 43	879	8A		JOHN W. PATE	2 3 4 5
PRISCO CITY	3105	MOORE	8 31 26	87 24		8A		MRS. WELIA MCKENZIE	2 3 5
GAUDEN	3151	STOWAR	7 34 01	86 00	554	8A		G. E. HENST HALLCOM	2 3 5
GAINEVILLE	3160	SUMTER	11 32 49	88 09	130	7A		FRANK J. FIELDS	3 4
GARDEN CITY	3200	CULMAN	2 34 00	86 00	340			MRS. G. M. MC KENZIE	2 3 4
GENEVA	3255	GENEVA	5 31 06	86 52	107	7A		U.S. ENGINEERS	3 4
GOODWATER	3399	COOSA	7 33 04	86 03	826	7A		C. PURVIS CONWAY	3 4
GORGAS	3430	WALKER	2 33 39	87 13	300	6A		ALABAMA POWER CO.	3 4
GREENSBORO	3511	SALE	6 31 47	87 30	220	6P		W. H. HANCOCK	2 3 5
GREENVILLE	3519	BITLER	6 31 50	86 38	444	5P		CECIL T. LEWIS	3 4
GREENVILLE NO 2	3524	BITLER	6 31 50	86 38				MID CLAUDE CONN. JR.	3 4
GULF SHORES 2 SE	3528	MOBILE	30 16	87 40	10			MOBILE GULF STATE PARK	3 4
GUNTSVILLE CITY WTB	3578	MARSHALL	12 34 22	86 17	610			TV-403	3 4
GUNTSVILLE DAM	3583	MARSHALL	12 34 26	86 24	611			TV-403	3 4
HAINVILLE	3620	WINSTON	2 34 14	87 38	947	6P		E. L. SHIPMAN	2 3 4 5
HAMILTON	3644	HAMILTON	11 34 08	87 59	498	7A		REX COOPER	3 4
HARRISBURG 6 P	3697	PERCY	11 34 07	87 19	584	7A		U. S. FOREST SERVICE	3 4
HAYNEVILLE	3748	LOWNDES	1 32 11	86 35				M. MAXINE E. WATSON	3 4
HELIX	3783	SHELBY	3 33 18	86 51	416	7A		R. NOLFE R. HANBROW	3 4
HIGHLAND HOME	3816	CHENOWETH	11 31 37	87 19	584	5P		SP L. J. JONES	3 4
HIGHTOWER	3842	CLARK	11 33 32	85 24				THOMAS J. HART	3 4
HODGES	3899	FRANKLIN	11 34 20	87 56	845	6A		FRANK L. BAYNES	3 4
HUNTSVILLE SUBSTATION	4060	MADISON	12 34 43	86 35	610	6P		TV-63	3 4
HUNTSVILLE WB AVE	4068	MADISON	12 34 42	86 35	610	MID		MID U.S. WEATHER BUREAU	2 3 4 5
STYOT	4099	JACKSON	12 34 54	86 05	1500	7A		TV-78	3 4
JACKSON LOCK 1	4192	CLARK	11 31 33	86 01	10	7A		U. S. ENGINEERS	3 4
JACKSON SHOALS	4198	TALLAPOOSA	7 33 32	86 12	475	8A		ALABAMA POWER CO.	3 4
JACKSONVILLE	4209	CALHOUN	11 33 49	87 03	485	MID		PILOT 2	3 4
JORDAN DAM	4306	ELMORE	7 32 37	86 15	290	6P		ALABAMA POWER CO.	3 4
LA FAYETTE	4350	CHAMBERS	11 32 54	86 24	884	6P		CLARENCE H. FINCHER	2 3 5
LAY DAM	4603	COOSA	7 32 58	86 31	420	6A		ALABAMA POWER CO.	3 4
LEEDS	4619	JEFFERSON	11 33 33	86 33	636	6P		MRS. MARY E. LEE	3 4
LEESBURG	4627	CHOCOMA	7 34 11	86 46	589	7A		RUFUS M. SWELL	3 4
LINCOLN	4734	TALLAPOOSA	7 33 37	86 07	510	6P		CITY OF LINCOLN	2 3 5
LIVINGSTON	4798	SUMTER	11 32 25	88 11	160	6P		PROP. R. J. MURPHY	2 3 5
LOCKHART	4822	COVINGTON	9 31 01	86 22	290	8A		H. C. YOUNG	2 3 5

1-ALABAMA; 2-BLACK WARRIOR; 3-CHAMBER; 4-CHATTANOOGUE; 5-CHOCOMAHATCHEE; 6-CONCHE; 7-COOSA; 8-ESCAMBIA; 9-GULF; 10-PEA; 11-TALLAPOOSA; 12-TENNESSEE; 13-TOMBIGHEE

REFERENCE NOTES

The four digit identification numbers in the index number column of the Station Index are assigned on a state basis. There will be no duplication of numbers within a state.

Figures and letters following the station name, such as 12 SEW, indicate distance in miles and direction from the post office.

Delayed data and corrections will be carried only in the June and December issues of this Bulletin.

Stations appearing in the index, but for which data are not listed in the tables, are either missing or received too late to be included in this issue.

Unless otherwise indicated, dimensional units used in this Bulletin are: Temperature in °F, precipitation and evaporation in inches, and wind movement in miles. Evaporation is measured in the standard Weather Bureau type pan of 4 foot diameter unless otherwise shown by footnote following Table 6.

Sleet and hail were included in snowfall averages in Table 1, beginning with July 1948.

Amounts in Table 4 are from recording gages. Traces are not shown.

Amounts in Table 5 are from non-recording gages, unless otherwise indicated.

Data in Tables 3, 5 and 6 are for the 24 hours ending at time of observation. See the Station Index for observation time.

- No record in Tables 3, 4, 6, and the Station Index. No record in Tables 2 and 5 is indicated by no entry. When hourly precipitation is missing or accumulated for several days, only the first and last days are shown in Table 4.

- And also on a later date or dates.

- Amount included in following measurement, time distribution unknown.

- Gage is equipped with a windshield.

- Station not equipped with recording gage. See Table 4 for 6-hourly measured amounts.

- Adjusted to July 1948.

- Water equivalent of snowfall wholly or partly estimated, using a ratio of 1 inch water equivalent to every 10 inches of new snowfall.

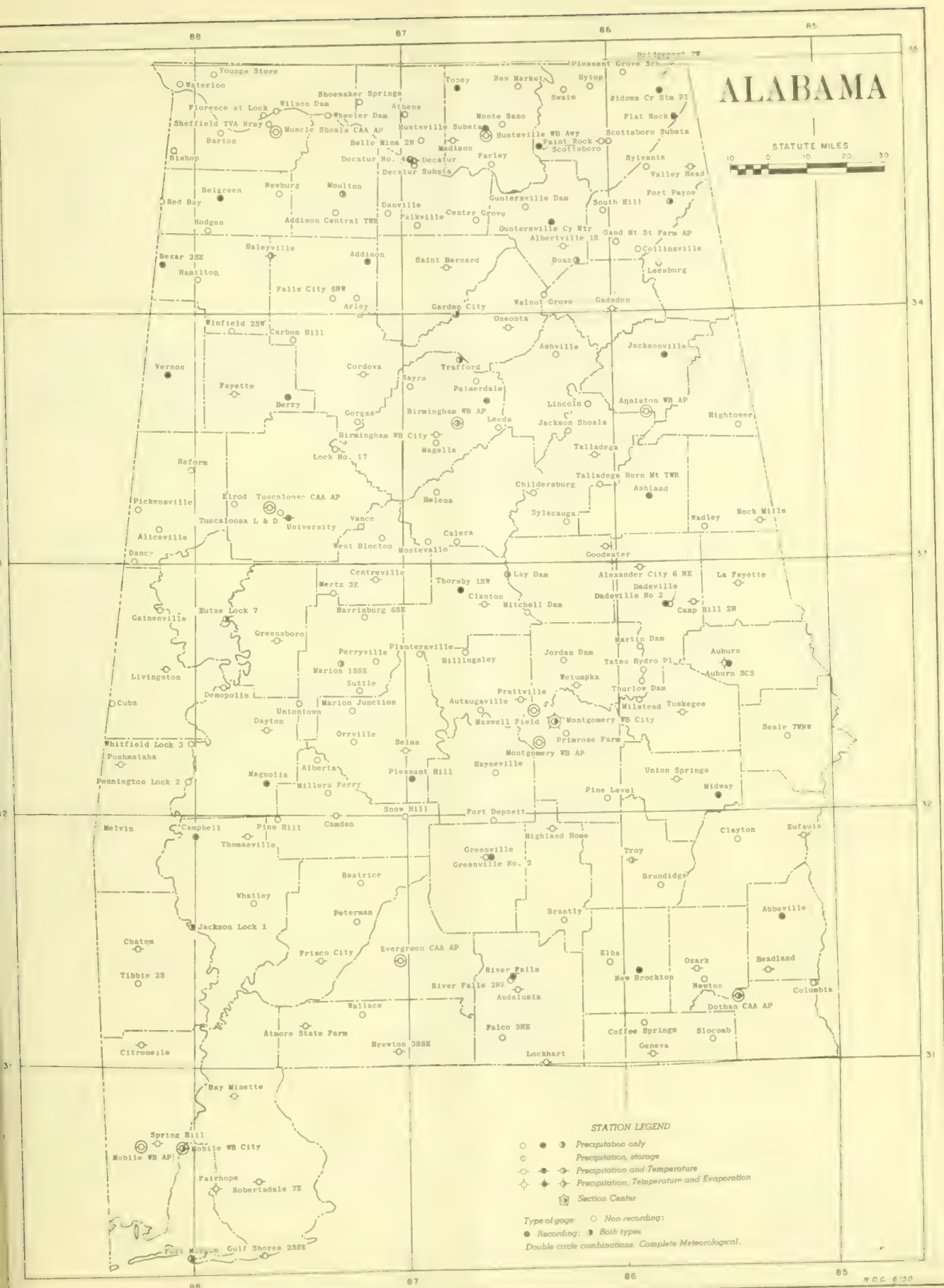
- No more days of record missing; see Table 5 for detailed daily record. Degree day data, if carried for this station, have been adjusted to represent the value for a full month.

- Daily values and monthly total from recording gage. All other data in Table 3 are from non-recording gages.

- Trace, an amount too small to measure.

- Includes total for previous month.

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CHARLES SAWYER, Secretary
WEATHER BUREAU
F. W. REICHELDERFER, Chief

CLIMATOLOGICAL DATA

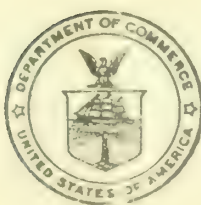
ALABAMA

SEPTEMBER 1950

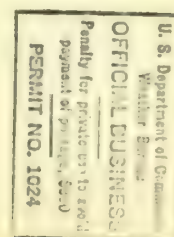
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CHATTANOOGA: 1950



ALABAMA - SEPTEMBER 1950

A. R. Long, Section Director - Montgomery

WEATHER SUMMARY

This September was cooler and wetter than normal, but there were some localities, especially in the south, where rainfall after the first 3 or 4 days was very light.

Heavy accumulations of general rain at the end of August were followed by showers which tapered off in frequency during the first 3 or 4 days. Around the 6th to the 8th, nearly general rain occurred which was moderately heavy in most areas. It was exceptionally cool during this period since the rain was the accompaniment of a hurricane which moved northward through north Florida and dissipated as it curved through Georgia and into northern Alabama.

From the 10th to the 22d temperatures were near normal. No rain occurred during this period except widely scattered showers around the 9th to the 11th, scattered showers on the 17th, and light, but nearly general, showers, on the 21st.

The last 8 days were cool, and, with the exception of heavy rain on the morning of the 29th over an east central area extending from southeastern Lowndes County through eastern Coosa County, precipitation was very light and was confined to scattered rains during the last 3 days.

The storm on the 29th mentioned above should be of considerable academic interest since the weather was cool and moderate northeast to east surface winds in this area continued to blow anti-cyclonically around a big high over the eastern states. From data charted at the Montgomery Airport Station, there did not immediately appear to be any reason why the air aloft should have been channelled in such a way as to give the high level thunderstorms which occurred, and there seemed much less reason for them to have moved so slowly as to give such heavy accumulations of rain. At Dannelly Field (Montgomery Airport Station), 4.87 inches were measured, and there were 3.87 inches at Maxwell Field. The distribution of rain in this storm is given in the map on the following page.

The wet weather during late August and early September was not favorable for harvesting operations and considerable hay was lost, but the ground was left in fine condition for the fall planting which followed. During the last two thirds of the month farm work made good progress. As the month ended, about half the cotton crop in the central counties and nearly all in the south had been picked. In the north, picking and ginning were behind schedule due to the lateness of the crop. The peanut crop was two-thirds dug and threshing was under way at this time, and some soy beans were combined in the southwest. Digging sweet potatoes was begun around the middle of the month. Pastures and other vegetation held up better than usual for the time of year.

Heavy rains which accompanied the tropical storm at the end of August caused light flooding in the Choctawhatchee River in southeast Alabama on the 1st. No damage was reported. Rain in northwest Georgia and northeast Alabama, when the remnants of a tropical storm moved through north Georgia and north Alabama, around the 7-8th, caused moderate flooding in the upper Coosa River. Rural damage, mostly to unhoused crops and to hay, was about \$63,000. Slight flooding was also caused in the Whitfield Lock 3 area on the Tombigbee, but little damage was done.

---FCP

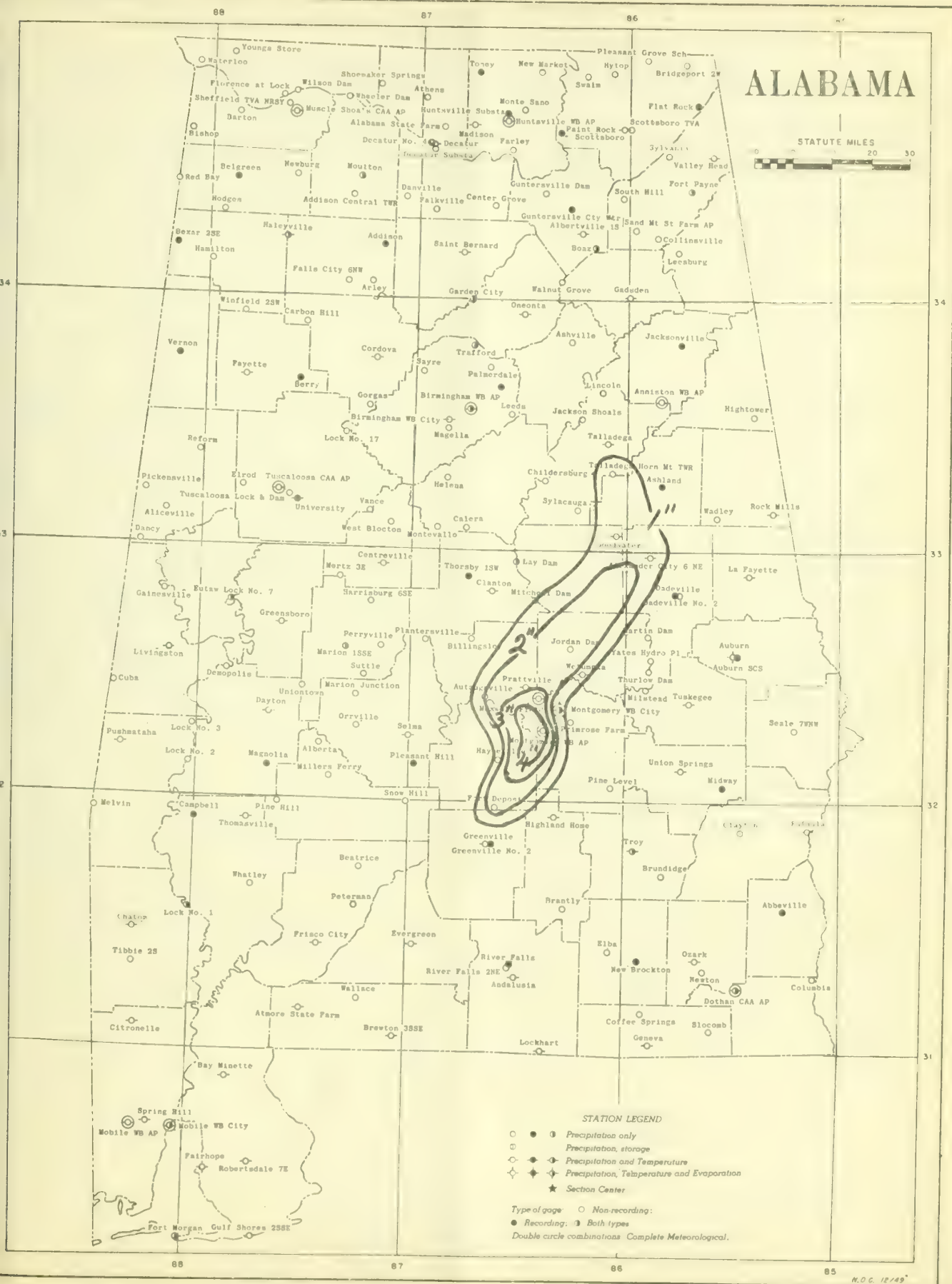
ACKNOWLEDGMENTS

In addition to the climatological data from some 6,000 Weather Bureau and cooperative weather stations, this bulletin series contains records from Hydroclimatic Network Stations which were formerly reproduced in the Hydrologic Bulletin Series. The Hydroclimatic Network is a nationwide net of rain gages--mostly of the recording type which produce continuous records of precipitation. It was established in 1939 at the request of the Corps of Engineers, Department of the Army, to supplement existing precipitation stations in order to provide records of rainfall intensity which were essential to the planning of flood control and related works by the Corps of Engineers. This Network, now numbering about 2,000 recording, and 1,000 non-recording rain gages, has been maintained by the Weather Bureau through working funds transferred annually to the Weather Bureau by the Corps of Engineers. These transfers averaged about \$250,000 per year between 1940 and 1944, and nearly \$375,000 since that date. For the years 1940-42, the Department of Agriculture transferred about \$100,000 per year to provide data required in its work, and since 1947 the Bureau of Reclamation has transferred about \$25,000 per year to meet the increasing needs of their program in the Western States.

Previous to the introduction of this bulletin series, data from Hydroclimatic Network stations were presented in bulletins (Hydrologic Bulletins) which were issued monthly for each of 8 drainage areas embracing the entire United States, but since the Network was established to meet the internal requirements of the Federal agencies referred to above, no provision was made for public dissemination of the data, distribution being limited to cooperating agencies and to certain public repositories. A list of locations where reference copies of the Hydrologic Bulletin Series are available for inspection may be obtained upon application to Chief, U.S. Weather Bureau, Washington 25, D.C.

Many other records published in this bulletin have been made available through the cooperation of various public offices, private agencies, and individuals as listed in the Station Index.

RAIN STORM ON SEPT. 29, 1950



SUPPLEMENTAL DATA

ALABAMA
SEPTEMBER 1950

Station	Wind direction		Wind speed m. p. h.				Relative humidity averages - percent				Number of days with precipitation							Percent of possible sunshine	Average sky cover sunrise to sunset	Degree days 65° base
	Prevailing	Percent of time from prevailing	Average	Fastest mile	Direction of fastest mile	Date of fastest mile	12:30 a CST	6:30 a CST	12:30 p CST	6:30 p CST	Trace	01-09	10-49	50-99	100-199	200 and over	Total			
ANNISTON WB AP	-	-	-	-	-	-	-	-	-	-	5	3	4	0	1	1	14	-	-	See Table 2
BIRMINGHAM WB AP	ENE	11	6.3	28	NE	6	89	90	63	77	2	6	5	1	0	0	14	48	7.2	"
MOBILE WB CITY	N†	14†	10.1†	32	W	22	88†	90†	60†	78†	2	4	4	1	0	1	12	56	5.4	"
MONTGOMERY WB AP	ENE	12	6.1	24	NE	6	88	90	61	75	2	4	3	0	0	2	11	68	6.7	"
†AIRPORT DATA																				

COMPARATIVE DATA

Table 1

Year	Temperature			Precipitation		Year	Temperature			Precipitation		Year	Temperature			Precipitation	
	Average	Highest	Lowest	Average	No. of days .01 or more		Average	Highest	Lowest	Average	No. of days .01 or more		Average	Highest	Lowest	Average	No. of days .01 or more
1884	77.9	97	45	0.64	2	1909	75.1	101	35	2.82	7	1934	75.1	99	48	2.02	6
1885	74.3	95	40	5.35	11	1910	77.5	101	45	2.21	6	1935	75.2	99	40	2.35	5
1886	76.0	95	42	1.61	5	1911	80.4	105	52	2.32	6	1936	78.5	100	46	2.80	7
1887	74.6	104	39	3.34	4	1912	77.1	103	46	4.70	9	1937	73.7	97	40	3.96	7
1888	71.7	90	35	4.76	9	1913	73.2	103	34	6.95	11	1938	75.3	102	39	1.40	4
1889	73.3	100	36	4.04	6	1914	73.1	100	42	4.69	8	1939	77.3	101	50	3.92	7
1890	73.7	97	48	6.25	12	1915	76.6	102	40	4.43	5	1940	73.7	100	36	1.47	3
1891	73.8	95	46	1.96	5	1916	73.7	100	35	2.18	6	1941	78.2	101	43	2.76	6
1892	72.0	97	37	3.20	4	1917	73.1	98	40	6.42	7	1942	73.4	99	35	4.08	7
1893	74.8	100	40	4.47	7	1918	70.1	97	34	4.26	7	1943	72.7	98	38	4.40	8
1894	75.5	96	45	2.58	6	1919	75.3	100	44	0.77	2	1944	76.5	103	48	4.79	8
1895	78.5	101	34	1.46	5	1920	77.0	99	34	3.31	6	1945	78.3	102	50	3.46	8
1896	76.0	104	35	1.78	4	1921	81.2	102	53	2.73	7	1946	73.4	98	45	6.08	9
1897	75.7	102	33	0.65	2	1922	77.5	102	45	1.81	5	1947	76.9	102	37	2.61	6
1898	75.5	100	48	3.81	6	1923	76.3	96	46	1.21	4	1948	73.5	101	43	4.67	
1899	72.9	104	30	0.67	2	1924	72.9	99	30	3.41	8	1949	73.4	97	35	3.31	
1900	77.9	100	46	4.01	4	1925	83.5	112	59	2.71	6	1950	73.0	96	40	4.13	
1901	72.4	95	39	4.08	6	1926	79.4	99	54	5.42	6	Period	75.9			3.30	
1902	73.4	97	34	4.24	8	1927	77.8	105	36	1.43	3						
1903	73.4	102	35	1.49	3	1928	73.7	98	36	2.92	6						
1904	77.0	104	40	1.34	4	1929	74.7	98	43	5.85	11						
1905	76.3	102	46	2.57	6	1930	77.0	101	42	6.38	12						
1906	78.5	100	58	8.42	14	1931	79.7	106	42	1.25	4						
1907	75.0	104	42	5.41	9	1932	75.0	100	45	4.80	8						
1908	74.5	101	33	2.33	5	1933	79.6	102	41	2.30	6						

See reference notes following Station Index

CLIMATOLOGICAL DATA

ALABAMA
SEPTEMBER 1950

Table 2

Station	Temperature										Precipitation									
	Average	Departure from normal	Highest	Date	Lowest	Date	Degree days	No. of days		Total	Departure from normal	Greatest day	Date	Snow, Sleet, Hail			No. of days			
								Max 90° or above	Min 32° or below					Total	Max depth on ground at aban	Date	01 or more	25 or more	100 or more	
NORTHERN DIVISION																				
BERYVILLE 1 S	70.0M	- 2.7	89	2	47	25		0	0	3.42	.25	2.55	8	.0	0		7	3	1	
WINSTON CAA AIRPORT	71.5		91	3	47	26	4	1	0	6.06	2.19	3.08	1	.0	0		9	4	2	
WILE WINA 2 N	70.0		93	3	40	25	12	2	0	2.91				.0	0		7			
BIRMINGHAM WB AP	71.8	1.4	91	3	53	24	1	2	0	2.50	.88	.74	7	.0	0		13	3	0	
BIRMINGHAM WB CITY	73.5	- 1.3	94	3	53	26	0	6	0	4.07	.69	1.34	12	.0	0		13	4	2	
ORDOVA	72.2	- 2.2	91	3	44	25	3	3	0	1.60	.99	.59	7	.0	0		4	3	0	
OCATUR	71.5	- 2.6	89	2	47	25	4	0	0	3.91	1.54	1.37	8	.0	0		12	5	1	
YETTE	70.7		92	5	45	25		3	0	4.61	1.62	1.35	7	.0	0		15	5	1	
OSDEN	70.7	4.3	92	4	47	26		3	0	5.68	2.67	2.14	1	.0	0		9	6	2	
PODWATER	71.5	4.0	89	4	52	26		0	0	5.79	3.02	.92	29	.0	0		10	9	0	
REYVILLE	68.6		88	3	43	25	19	0	0	3.13		1.05	8	.0	0		6	5	1	
REYNOLDSVILLE WB AWY	70.3		90	3	45	25	7	1	0	5.14	2.18	1.68	7	.0	0		9	5	2	
DISON	71.3	- 3.4	92	4	48	25		1	0	4.48	1.47	1.50	8	.0	0		14	7	1	
SCLE SHOALS CAA AP	70.5	- 3.5	93	3	44	25	10	1	0	1.38	1.47	1.07	7	.0	0		5	1	1	
LEONIA	71.1	- 1.3	90	4	47	27		3	0	3.49	.52	1.01	8	.0	0		10	5	1	
OCK MILLS	71.9		92	3	48	26	5	3	0	4.32	1.63	2.11	8	.0	0		7	3	2	
INT BERNARD	70.0	3.4	91	4	45	25		1	0	3.38	.59	1.07	12	.0	0		10	4	1	
ND MT STATE FARM AP	68.9		89	3	47	25	16	0	0	6.18	2.87	1		.0	0		8	4	2	
OTTSBORO	71.3	- 1.4	93	3	48	26	6	3	0	5.92	3.08	3.10	7	.0	0		14	4	1	
LLADEGA	71.8	- 3.3	93	3	47	26	5	2	0	4.83	1.82	2.14	7	.0	0		10	2	2	
SCALOOSA CAA AP	73.3	- 3.0	93	3	49	25	2	9	0	3.60	.77	1.40	7	.0	0		10	4	1	
IVERSITY	72.1	4.2	93	4	49	25	3	7	0	3.54	.71	1.40	2	.0	0		10	4	1	
LLY HEAD	69.5	2.8	89	4	48	26	23	0	0	8.65	6.10	3.05	8	.0	0		6	6	4	
DIVISION	71.0									4.29				.0						
MIDDLE DIVISION																				
ALEXANDER CTY 6 NE	70.8		90	3	50	24	5	2	0	6.10		1.75	29	.0	0		9	6	3	
BURN	71.9	4.2	89	5	56	23		0	0	3.21	.11	.90	1	.0	0		8	5	0	
MDEN	74.4		92	16	54	27	1	8	0	2.01		1.35	2	.0	0		7	2	1	
MP HILL 2 NW	70.0		90	3	49	26	0	1	0	2.70		.77	8	.0	0		8	5	0	
NTREVILLE	74.3	1.9	90	3	55	26		7	0	4.36	1.40	2.09	7	.0	0		10	4	2	
ANTON	72.0	- 3.5	89	4	52	26		0	0	3.91	.92	1.77	18	.0	0		11	2	2	
AYTON	74.1		92	4	56	24	3	8	0	4.11		1.96	2	.0	0		6	3	2	
FAULA	74.9	- 1.4	96	15	54	26	1	13	0	3.34	.11	2.07	7	.0	0		8	4	1	
RENVILLE	73.4	- 3.3	91	3	54	26	4	1	0	3.04	.28	1.47	7	.0	0		11	3	1	
GLAND HOME	73.7M	- 3.0	90	20	55	25	3	1	0	3.55	.38	2.35	7	.0	0		5	3	1	
YAVETTE	71.6		90	3	52	26	7	2	0	3.05		1.16	7	.0	0		8	4	1	
TRION JUNCTION 2 NE	73.7		90	3	53	25	2	4	0	2.63		1.65	7	.0	0		5	2	1	
XWELL FIELD	75.4		93	4	59	26	0	5	0	6.63		3.87	29	.0	0		7	3	2	
NTGOMERY WB AP	74.2		92	4	56	26	1	8	0	8.83		4.87	29	.0	0		9	5	2	
NTGOMERY WB CITY	74.6M	1.7	91	20	58	26	0	3	0	4.50	1.51	2.50	7	.0	0		7	3	2	
ATTVILLE	74.0	1.8	91	3	57	26	1	3	0					.0	0					
SHMATAHA	72.9	- 3.1	90	5	52	25	0	1	0	3.62	-.09	1.28	2	.0	0		6	4	2	
UMA	75.8	1.4	95	3	55	25	0	13	0	1.30	- 1.43	.55	7	.0	0		7	2	0	
OMASVILLE	74.0	- 2.5	90	3	55	25	2	2	0	2.64	-.70	1.08	3	.0	0		7	5	1	
JOY	73.4M	3.9	90	4	55	7		3	0	4.55	.29	1.86	7	T	0		7	3	2	
SKEGEE	73.7	- 3.6	92	4	54	26		2	0	2.53	.08	1.05	7	.0	0		10	4	1	
ION SPRINGS	74.4	1.9	93	3	55	26	1	7	0	2.22	-.53	1.60	7	.0	0		6	1	1	
TUMPKA	74.1	3.4	94	4	56	26	0	2	0	6.03	3.06	1.79	30	.0	0		10	6	3	
DIVISION	73.7									3.86				T						
SOUTHERN DIVISION																				
DALUSIA	75.1		91	14	59	24		8	0	2.13		1.03	7	.0	0		5	2	1	
MORE STATE FARM	73.8		95	17	59	24	0	13	0	3.29		1.45	2	.0	0		6	6	1	
Y MINETTE	75.9	- 1.5	93	18	60	7	1	13	0	3.46	- 3.04	2.70	2	.0	0		8	1	1	
LEWTON 3 SSE	75.1	- 1.9	94	17	53	25	1	15	0	1.60	- 3.00	.77	2	.0	0		5	2	0	
LATON	74.9		93	18	55	24	0	12	0	3.12		2.42	2	.0	0		8	2	1	
TRONELLE	74.2	- 1.7	92	17	56	28	0	9	0	5.31	.41	4.10	2	.0	0		7	3	1	
THAN CAA AIRPORT	73.4		94	22	57	6	3	13	0	3.12	- 2.04	1.46	1	.0	0		5	4	1	
ERGREEN CAA AP	71.6	3.7	93	16	54	27	2	12	0	1.84	- 2.08	.39	2	.0	0		7	4	0	
IRHOPE	75.8	- 2.4	93	18	58	24	0	11	0	5.80	-.39	2.88	2	.0	0		9	6	1	
ORT MORGAN	74.6		93	4	63	8	0	2	0	2.38		1.57	2	.0	0		5	2	1	
ISCO CITY	74.6		92	17	54	34		12	0	4.67	1.04	2.02	2	.0	0		7	6	1	
ENEVA	75.4		93	14	58	9		15	0	7.42	3.14	5.34	1	.0	0		6	3	2	
OCKHART	75.3		93	14	59	9		9	0	2.74		1.26	1	.0	0		6	3	2	
BILE WB AIRPORT	76.4		93	17	59	7	0	13	0	7.05		5.54	2	.0	0		10	3	1	
BILE WB CITY	77.2	9	92	17	61	7	0	9	0	7.51	2.51	6.10	2	.0	0		10	3	1	
ARK	75.2	2.3	93	22	55	26	1	11	0	4.38	.21	2.17	7	.0	0		7	2	2	
BERTSDALE 7 E	75.5		91	4	60	8	0	3	0	4.71	1.79	1.69	2	.0	0		10	4	3	
PRING HILL	77.0M	8								7.21	1.76	3.18	3	.0	0		5	3	3	
DIVISION	75.8									4.32				.0						
STATE	73.0	- 2.5								4.1	.83			T						

See reference notes following Station Index

DAILY PRECIPITATION

Table 3

ALABAMA
SEPTEMBER 1950

Station		Day of month																															Total
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
ABBEVILLE	R	1.00	.10	-	-	-	1.80	.15	-	-	-	-	-	-	-	-	.23	-	-	-	-	.30	-	-	-	-	-	-	.06	-	-	3.34	
ADDISON	R	.30	-	-	-	-	-	-	-	1.71	-	-	-	-	-	.46	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2.54	
ADDISON CNTRL TOWER																															2.54		
ALBERTA			.34	1.19	-	-		.40	.34	-	-	-	.29	-	.07	-	-	-	-	-	-	-	.10	-	-	-	-	-	.05	.20	-	3.42	
ALBERTVILLE 1 S								.14	2.55	.26	-	-	-	-	.03	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6.10	
ALEXANDER CTT 6 NE		.53	-	-	-	.15	T	1.67	.45	-	-	1.00	-	.02	-	-	.36	-	.50	-	-	.17	-	-	-	-	-	-	1.75	-	-	6.15	
ALICEVILLE		.18	.70	.18	2.35	-	-	1.03	2.00	.70	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	.60	-	-	2.13	
ANDALUSIA		3.08	.01	-	-	.23	1.93	.14	.25	.35	.04	-	-	-	-	T	-	-	-	-	-	T	T	-	-	-	-	-	.04	-	-	6.06	
ANNISTON CAA AIRPORT		.08	.02	.29	-	-		.42	1.04	.23	.01	-	.29	.20	T	-	-	-	-	-	-	-	-	-	-	-	-	-	.03	-	-	2.58	
ARLEY																															2.58		
ASHLAND	//R	.23	.03	.02	1.27	-	.39	1.60	.05	.30	.02	.17	.02	-	-	-	.10	-	.05	-	-	-	-	-	-	-	-	-	.70	-	-	4.90	
ASHVILLE			1.23	-	-	.11		.83	1.05	.10	.20	.20	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	.28	-	-	4.05	
ATHENS			.13	-	-	-		.11	1.43	.30	.23	-	.02	-	.25	.04	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2.51	
ATMORE STATE FARM			1.45	.32	-	-		.35	-	-	-	-	-	-	-	-	.40	-	-	-	-	.47	-	-	-	-	-	-	.30	-	-	3.29	
ATMORE STATE FARM	R		1.68	-	-	-		.25	-	-	-	-	-	-	-	-	.35	-	-	-	-	.41	-	-	-	-	-	-	.13	-	-	2.80	
AUBURN		.90	.12	-	-	-		.75	.14	-	-	-	.49	-	-	-	-	-	.43	-	-	-	-	-	-	-	-	-	-	.10	-	3.21	
AUBURN SCS 10	R	.15	-	-	-	.55		.30	.13	-	.30	-	-	-	-	-	.55	-	-	-	.23	-	-	-	-	-	-	-	-	-	-	2.21	
AUTUGAVILLE			.13	.03	.53	.14		1.80	.33	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4.72	
BARTON		.25	.28	.25	-	-		.05	.75	.28	.10	T	-	-	-	-	-	.06	-	-	-	.30	-	-	-	-	-	-	-	-	-	2.30	
BAY MINETTE			2.70	.02	-	-		.12	-	-	-	-	.20	-	-	-	.12	.04	-	-	-	.08	-	-	-	-	-	-	-	-	-	3.46	
BEATRICE			.56	.50	-	-		.95	.39	.07	.02	-	.06	-	-	.94	-	-	-	-	.85	-	-	-	-	-	-	-	-	-	-	2.85	
BELGOREW	R		.16	-	-	-		1.28	.62	.26	.01	.07	-	.15	-	-	-	-	-	-	.04	-	-	-	-	-	-	-	-	-	-	1.69	
BELLE MINA 2 W	R	.49	.43	-	-	.05	1.56	.09	.54	.01	-	-	-	-	-	-	.68	-	-	-	.52	-	-	-	-	-	-	-	-	-	-	2.91	
BERRY	R	.48	1.51	.02	.05	.01	.82	.05	.37	.01	.06	-	-	-	-	-	-	-	-	-	.10	-	-	-	-	-	-	-	-	-	-	3.65	
BEXAR 2 SE	R																															3.65	
BILLINGSLEY			.92	-	-	-		1.21	.22	-	-	-	-	-	-	-	-	1.24	-	-	-	T	-	-	-	-	-	-	T	-	-	3.59	
BIRMINGHAM WB AP	R	.08	.02	.11	T	.49	.74	.02	.06	.05	.44	-	-	-	T	-	.23	-	-	-	.10	-	-	-	-	-	-	.03	.13	-	-	2.50	
BIRMINGHAM WB CITY		.13	.03	.53	.14	T	1.19	.03	.10	.03	.07	1.34	-	-	T	-	.32	-	-	-	.13	-	-	-	-	-	-	-	.03	-	-	4.07	
BISHOP		.65	1.20	.76	-	.25		.55	.20	.07	.37	.34	-	-	-	-	-	-	-	-	.15	.25	-	-	-	-	-	-	-	-	-	4.62	
BOAZ								.21	1.98	.16	.27	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4.44	
BOAZ	R	1.23	.08	-	-	.04	2.08	.09	.21	.13	.27	-	-	-	-	-	-	-	-	-	-	.28	-	-	-	-	-	-	-	-	-	2.62	
BRANTLY		.71	.11	-	-	-		1.80	T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.60	
BREWTON 3 SSE			.77	.20	-	-		.40	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.60	
BRIDGEPORT 2 W		1.43	.72	-	-	-		3.05	.59	-	.25	.92	-	.18	-	-	.06	-	-	-	-	-	-	-	-	-	-	-	-	-	-	7.02	
BRUNDIDGE		.64	.35	-	-	-		1.19	.17	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2.75	
CALERA		.20	.22	.14	.14	-		.97	.26	-	.07	-	.06	.02	-	-	.56	-	-	-	-	-	-	-	-	.05	-	-	-	-	-	2.79	
CAMDEN		.09	1.35	-	.10	.02	.01	.42	.02	T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2.01	
CAMPBELL	R		2.01	-	-	-	.07	.54	.77	.04	.48	.49	.05	-	-	.15	.09	-	-	-	-	-	-	-	-	-	-	-	-	.08	-	-	2.70
CAMP HILL 2 NW		.50	-	-	-	-		.30	.77	.04	.30	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4.29	
CARBON HILL				.94	-	-		1.70	.50	.50	.30	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	.05	.10	-	-	4.29
CENTER GROVE		.31	.04	T	-	-		.31	1.48	.11	.20	T	.79	T	.04	.06	.01	.03	-	T	-	-	-	-	-	-	-	-	-	-	-	3.37	
CENTREVILLE			.25	.15	-	-		2.09	.40	.06	.04	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4.36	
CHATOW		2.42	.01	-	-	-		.15	T	-	-	-	.07	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3.12	
CHILDERSBURG						.97	.97	-	.19	.01	-	-	-	-	-	-	-	-	-	-	.05	-	-	-	-	-	-	.01	.40	-	-	3.17	
CITRONELLE			4.10	.27	-	-	.07	-	-	-	-	.56	.08	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	.06	-	-	5.31
CLANTON		.04	.15	.12	-	-		1.15	.20	.02	.05	-	-	T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	.16	.22	-	3.91
CLAYTON					-	-		.80	.93	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2.54	
COFFEE SPRINGS		1.70	-	-	-	.30		.80	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2.80	
COLLINSVILLE		2.22	.90	.11	.07	-		.45	2.00	.07	1.09	.11	-	.10	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	.16	-	7.28	
COLUMBIA		.34	.59	.01	.02	-		.61	.08	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	.36	-	-	2.36	
CORDOVA					-	-		.59	.39	.15	-	-	-	-	-	-	-	-	-	-	.47	-	-	-	-	-	-	-	-	-	-	1.60	
CUBA			2.00	.98	-	-		.38	.44	-	-	-	-	-	-	-	.35	-	-	-	.22	-	-	-	-	-	-	-	-	-	-	4.14	
DADEVILLE		.27	-	-	.33	-		1.13	.45	-	.37	.33	.94	-	-	-	-	-	-														

ALABAMA
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Table 4

See reference notes following Station Index.

ALABAMA
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ADEVILLE NO 2																.07	.04	.01	.01		.04	.02	.07	
OTHAN CAA AIRPORT																					.04	.10	.26	
UTAW LOCK NO 7										.26	.01	.03	.15	.06	.03	.01		.04	.06	.03	.01	.01	.04	.70
VERGREEN CAA AP	6																	*	*	*		*	*	
ARDEN CITY																					.02	.13	.15	
REENVILLE NO 2																					.02	.16	.28	
ALEYVILLE																			.04	.06	*	*	*	
ACKSONVILLE																					*	*	*	
AY DAM																			.04	.01	.02	.01	.01	
AGNOLIA																				.10	.01	.11	.12	
ARION 1 SSE																					.02	.01	.01	
IDWAY																					.01	.13	.03	
MONTGOMERY WB AP	6														.10	.10		.03	.02	.07	.16	.02	.02	
EW BROCKTON										.03	.05	.03	.01					.01	.13	.07	.05	.01	.01	
ETERMAN																			.02	.01	.09	.28	.02	
IVER FALLS 2 NE																					.02	.02	.01	
HORSBY 1 SW																			.04	.01	.10	.05	.04	
RAFFORD																					.10	.01	.21	
ROY											*	*	*	*	*	*	*	*	*	*	*	*	*.29	
USCALOOSA CAA AP	6																				*	*	*	
NIVERSITY																			.01	.01		.02	.21	
-7th-																								
BBEVILLE	6	.01	.02	.04	.03	.02	.02	.01	*	*	*	*	.84	*	*	*	*	*	.30				.15	
NNISTON CAA AIRPORT	//	.23	*	*	*	.79	*	*	*	*	*	*	.04	.06	.06	.06	.02	.01	.01				1.60	
SHLAND		.05	.19		.03	.30	.13	.07	.05	.33	.06	.08	.04	.04	.06	.06	.06	.02	.01	.01			.25	
THORE STATE FARM					.10	.05	.02	.03															.30	
UBURN SCS 10			.10	.10		.10																	.95	
ELGREEN		.02				.08	.06						.04	.05	.27	.21	.11	.08	.02		.01		.14	
ERRY		.17	.08	.04	.06	.25	.21	.14	.08	.05	.09	.15	.12	.04			.01	.04	.01	.01		.01	1.56	
EXAR 2 SE		.02	.02	.11	.03	.13	.06	.08		.01	.01	.01	.02	.02	.15	.06	.01	.01	.04	.02		.01	.82	
IRMINGHAM WB AP		.01	.05	.03	.10	.08		.01	.04	.01	.04	.21	.08	.01	.01		.01	.01	.02	.01	.01		.74	
OAZ			.01	.01	.02		.05	.04	.20	.08	.12	.11	.22	.18	.20									

ALABAMA
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See reference notes following Station Index.

ALABAMA
SEPTEMBER 1950

Station	A. M. Hour ending												P. M. Hour ending												Total
	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	
CAMPBELL								.01	.01	.01			.04	.02											.09
DADEVILLE NO 2													.45	.02											.49
EUTAW LOCK NO 7									.02		.01	.15	.02		.01										.20
EVERGREEN CAA AP													*	*	*	*	*	*							
GREENVILLE NO 2													.04	.09	.01										.14
JACKSON LOCK 1													.06	.04											.12
LAY DAM													.07	.06	.01		.03								.63
MARION 1 SSE	*	*	*	*	*	*	*	*	*	*	*	1.38	.02	.33	*	*	*	*							1.38
MIDWAY															*	*	*	*							.35
MOBILE WB AIRPORT															*	*	*	*							.14
MOBILE WB CITY															*	*	*	*							.01
MONTGOMERY WB AP															*	*	*	*							.96
PETERMAN												.01	.77	.19											.01
THORSEY 1 SW												.92	.38	.16	.04										1.50
TROY								*	*	*	*	*	.05	1.72	.12										1.85
TUSCALOOSA CAA AP												.53													.43
UNIVERSITY								.14	.05	.10	.08	.04	.02												.58
VERNON				.01	.02	.13	.18	.19	.04	.01															
-18th-																									
PLEASANT HILL																									
-22d-																									
ABBEVILLE													.10	.18		.01				.01					.30
ATMORE STATE FARM														.41											.41
AUBURN SCS 10												.23													.23
BELGREEN					.04																				.04
BERRY								.10																	.10
BIRMINGHAM WB AP						.02		.08																	.10
BOAZ					.09	.18	.01						.03	.01	.01	.01									.28
DADEVILLE NO 2																									

HOURLY PRECIPITATION

ALABAMA
SEPTEMBER 1950

Table 4-Continued

Station	A. M. Hour ending												P. M. Hour ending												Total
	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	
UNIVERSITY VERNON				.01	.01					.05															.02 .05
-30th-																									
BERRY				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BEXAR 2 SE				-	-	-	-	-	-	-	-	.01	-	-	-	-	-	-	-	-	-	-	-	-	.01
FORT MORGAN				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MOBILE WB AIRPORT	6	53																							

DAILY TEMPERATURES

ALABAMA
SEPTEMBER 1950

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Station	Day of month																																	Average
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31			
BERTVILLE 1 S	MAX 86	89	87	86	86	80	77		74	76	76	83	84	85	86	84	83	84	85	85	82	83	81		78	74	76	76	72	72	81.2			
	MIN 69	67	67	68	66	52	59		59	58	58	56	56	63	61	56	57	58	58	59	59	58	56		47	48	48	56	62	62	58.7			
ALEXANDER CTY 6 NE	MAX 80	88	90	90	84	75	65	71	81	81	87	85	87	86	84	86	83	85	84	88	85	85	79	82	78	77	79	71	67	79	81.4			
	MIN 76	68	64	69	68	58	58	62	62	64	62	62	61	62	60	58	62	57	58	57	58	65	53	50	52	50	50	56	62	61	60.2			
DALUSA	MAX 85	83	86	86	88	86	72	71	77	85	88	90	91	89	88	90	90	90	88	89	90	90	83	85	81	82	79	77	77		85.0			
	MIN 73	73	69	69	71	64	60	61	60	64	68	66	69	67	65	65	63	67	65	65	69	61	59	60	60	63	61	65	63		65.2			
WINSTON CAA AIRPORT	MAX 86	88	91	89	84	73	66	72	80	80	55	87	87	82	84	76	86	86	88	85	85	79	80	80	80	80	75	71	73	83	81.6			
	MIN 72	72	69	70	65	57	59	64	64	66	65	65	60	63	59	63	60	60	59	60	59	55	52	53	47	57	57	63	65		61.4			
FORE STATE FARM	MAX 86	85	90	90	89	85	68	75	85	86	92	90	91	90	90	92	95	93	91	92	89	93	81	85	85	80	78	79	76	79	86.0			
	MIN 72	73	70	68	71	64	61	60	61	64	64	65	68	68	67	67	68	65	66	65	66	70	63	59	60	60	66	64	66	67	65.6			
BURN	MAX 78	83	88	88	89	82	65	70	73	80	83	85	86	85	87	85	86	84	85	89	86	83	78	82	76	79	78	68	72		81.3			
	MIN 68	72	70	71	70	60	58	60	59	61	65	64	63	65	64	61	66	62	63	62	62	66	56	56	58	57	57	59	64		62.5			
Y MINETTE	MAX 87	80	90	90	88	80	68	74	85	88	91	92	91	89	90	91	92	93	90	91	90	92	88	85	86	82	75	61	76	78	85.8			
	MIN 70	73	69	67	71	65	60	63	65	67	66	70	69	67	68	67	65	67	67	67	67	70	63	60	60	60	67	65	66		66.0			
LE MINA 2 N	MAX 85	87	93	93	85	77	75	70	70	81	84	86	87	87	81	79	86	87	87	88	87	80	79	77	77	76	74	72	71	77	81.3			
	MIN 70	70	65	66	59	49	58	60	60	62	60	60	58	58	56	56	59	60	59	58	62	67	60	53	40	48	55	57	60		58.7			
INGHAM WB AP	MAX 80	89	91	91	83	75	67	71	72	79	86	87	86	84	81	84	79	86	87	84	82	76	79	78	78	75	75	73	82		80.9			
	MIN 74	72	69	70	67	59	60	62	63	65	64	64	62	64	63	61	62	60	63	62	64	62	58	53	54	54	61	60	63	85	62.7			
INGHAM WB CITY	MAX 79	90	94	94	87	81	71	71	70	81	86	90	89	86	83	86	81	90	89	90	85	84	79	83	81	81	77	78	73	85	83.1			
	MIN 72	74	69	71	68	58	59	62	63	66	67	65	65	66	64	62	67	63	66	66	65	65	59	57	54	53	61	60	64	65	63.9			
WTON 3 SSE	MAX 85	90	92	90	89	85	68	80	86	88	91	91	92	90	90	93	94	93	90	91	90	92	84	86	83	81	80	78	78	77	86.6			
	MIN 72	73	69	65	71	64	60	61	57	59	62	64	63	66	63	63	64	64	67	65	62	65	61	55	53	57	66	63	66		63.6			
IDEN	MAX 87	87	90	90	88	80	68	70	83	84	90	87	90	89	87	82	86	89	90	90	89	90	82	85	82	83	78	73	72	77	84.3			
	MIN 73	74	69	69	70	63	60	62	61	68	68	66	67	67	65	65	66	63	63	63	67	70	59	57	55	56	54	62	64	66	64.4			
OP HILL 2 NW	MAX 82	88	90	88	87	70	67	71	80	82	88	87	87	86	88	88	84	87	88	88	88	84	82	82	80	80	77	74	70	72	82.2			
	MIN 75	73	70	70	65	55	58	60	62	63	65	62	63	64	62	59	64	65	65	68	69	58	56	53	49	56	65	62	63					
UTREVILLE	MAX 89	88	90	88	90	87	75	69	70	78	84	90	90	89	88	85	90	79	88	90	90	89	85	80	79	80	78	75	75	71	83.3			
	MIN 73	75	72	69	70	62	58	62	63	66	66	70	67	66	64	68	68	66	68	68	66	70	58	60	57	55	61	62	64	65	65.9			
TOM	MAX 90	79	92	92	88	78	75	86	87	92	91	92	88	89	91	91	93	90	91	91	89	82	85	87	83	78	79	72	78		85.9			
	MIN 67	72	67	66	71	63	61	60	60	68	62	63	69	69	67	64	63	62	62	61	62	68	59	55	59	56	86	64	64	65	63.8			
RONELLE	MAX 89	79	90	89	84	80	70	72	85	87	90	89	89	88	89	91	92	91	92	91	90	92	83	84	87	85	75	80	73	76	85.1			
	MIN 72	73	71	70	72	65	61	59	63	68	66	66	70	70	71	70	75	67	69	69	71	71	64	61	59	64	69	56	64	67	67.2			
WNTON	MAX 87	81	87	89	89	85	72	67	69	81	83	87	88	87	87	83	85	77	85	85	87	87	84	78	81	77	79	73	70	70	81.3			
	MIN 74	73	68	71	69	60	59	60	63	63	65	65	63	65	63	61	65	60	63	61	64	66	57	55	54	52	57	59	60	64	82.6			
ADOVA	MAX 83	90	91	91	84	84	70	71	80	81	87	89	89	85	79	85	81	88	89	84	84	79	78	81	79	77	77	76	84		82.8			
	MIN 72	70	70	68	58	50	60	63	67	65	62	64	65	64	63	62	63	60	61	61	64	69	55	52	44	49	60	61	63	64	61.6			
WTON	MAX 88	86	90	92	85	78	63	71	81	84	88	90	90	85	85	88	80	92	90	91	90	88	78	83	81	81	76	76	72	78	83.3			
	MIN 70	73	69	70	69	60	63	63	68	67	66	62	67	65	65	67	62	67	66	67	71	59	56	58	57	63	63	63	67		64.8			
NATUR	MAX 87	89	89	88	77	78	72	71	68	77	81	84	83	79	73	76	79	86	88	88	80	79	76	73	76	77	75	73	75	81	79.3			
	MIN 73	73	70	71	63	55	63	63	64	65	65	64	64	61	61	66	62	65	65	70	70	60	55	47	53	62	62	64	66		63.6			
HAN CAA AIRPORT	MAX 85	89	90	89	87	68	69	83	86	89	91	91	93	91	91	93	91	93	92	92	94	85	85	81	82	78	77	79	77	86.3				
	MIN 72	71	70	70	67	57	59	62	59	61	64	69	68	68	68	64	66	64	64	66	63	69	63	60	62	60	60	60	65	66	64.5			
PAULA	MAX 85	94	93	93	85	74	69	77	82	86	89	89	92	93	96	90	93	93	91	91	90	91	85	88	84	84	83	74	76	80	86.3			
	MIN 73	72	69	71	72	61	59	67	68	66	81	85	66	64	66	63	86	63	63	63	67	59	57	59	54	56	57	63	64		63.5			
ROGREEN CAA AP	MAX 81	89	91	91	86	74	66	76	85	87	90	90	90	88	93	91	90	90	91	90	91	81	84	83	83	80	76	75	76		85.0			
	MIN 72	70	66	67	60	60	59	58	56	57	62	63	63	65	62	62	61	61	59	63	65	60	57	57	59	54	61	64	67		62.1			
RIOPE	MAX 88	84	90	92	90	85	73	76	85	87	90	89	90	89	89	91	92	93	91	90	89	90	84	86	86	83	76	81	79	79	86.2			
	MIN 70	72	69	67	71	65	60	60	61	63	65	66	69	68	65	68	66	65	67	65	66	69	63	58	60	61	66	64	65	66	65.3			
ETTE	MAX 82	88	86	91	92	80	80	64	69	70	82	87	88	87	84	77	87	80	90	89	87	85	82	80	80	79	80	73	75	75	81.6			
	MIN 67	69	64	67	63	53	57	57	61	61	62	62	61	60	61	65	57	60	57	62	65	54	50	45	51	57	60	61	63		59.8			
ST MORGAN	MAX 85	85	88	93	88	82	74	78	83	85	87	86	88	89	86	88																		

DAILY TEMPERATURES

ALABAMA
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Table 5-Continued

Station		Day of month																															Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
MOBILE WB AIRPORT	MAX MIN	88 71	80 74	90 72	91 69	89 73	81 66	71 59	74 59	84 63	87 67	91 68	91 67	90 72	90 70	91 68	90 70	93 69	93 68	92 70	91 69	88 69	92 72	84 65	86 59	87 61	84 66	74 68	82 66	77 67	79 68	86.0 67.5	
MOBILE WB CITY	MAX MIN	87 73	84 74	91 74	91 73	88 74	79 65	70 61	74 61	83 68	84 71	88 72	89 68	88 74	90 72	90 69	86 71	92 69	2 70	90 72	90 72	88 71	92 74	85 66	83 62	86 61	83 67	75 70	80 67	76 68	79 69	85.1 69.3	
MONTGOMERY WB AP	MAX MIN	84 74	91 72	91 69	92 73	88 70	72 60	68 60	73 63	84 62	85 63	89 67	90 68	90 66	89 69	84 67	89 64	85 65	90 62	88 63	90 65	86 65	80 60	87 58	81 58	82 56	77 60	73 59	72 64	76 65	83.9 64.4		
MONTGOMERY WB CITY	MAX MIN	82 72	89 74	90 70	90 69	87 68	81 64	67 60	70 64	83 63	84 65	87 69	87 68	89 71	88 69	85 66	88 66	84 69	88 65	87 66	91 66	89 70	86 70	84 63	84 60	78 63	79 58	78 61	76 61	70 65	83.2 66.0		
MUSCLE SHOALS CAA AP	MAX MIN	85 70	85 69	85 68	86 60	78 54	75 61	66 61	70 63	70 63	78 64	82 66	85 64	87 63	79 60	71 61	80 61	82 66	88 61	88 64	85 66	82 69	77 61	75 51	71 44	75 55	76 60	70 61	74 63	80 65	78.9 62.0		
ONEONTA	MAX MIN	88 70	80 71	82 70	86 65	86 61	90 58	64 57	75 60	78 62	76 63	86 61	86 60	89 59	88 62	83 63	88 57	82 65	88 58	89 60	82 66	83 55	80 58	81 50	79 49	80 47	78 58	72 59	72 63	82.2 60.0			
OZARK	MAX MIN	81 70	90 71	91 70	89 71	86 72	80 64	68 59	78 62	84 60	87 62	89 66	90 68	91 70	91 68	90 68	89 65	90 64	87 65	90 66	92 66	93 66	87 61	85 60	81 61	81 55	83 59	77 59	75 63	79 65	85.5 64.9		
PRATTVILLE	MAX MIN	82 74	90 72	91 69	91 72	88 64	77 60	68 64	72 64	84 62	84 65	88 67	88 67	88 65	88 65	85 68	83 62	82 63	88 63	89 61	89 62	87 62	86 61	84 60	80 57	80 60	76 61	73 65	70 66	77 67	83.4 64.6		
PUSHMATAHA	MAX MIN	87 68	85 69	85 68	87 68	90 69	82 60	77 61	65 61	73 63	77 68	84 65	85 66	88 66	88 66	84 66	88 67	79 61	87 63	87 62	88 63	89 70	86 60	82 60	82 52	81 56	76 60	73 63	73 62	71 62	82.1 63.6		
ROBERTSDALE 7 E	MAX MIN	85 71	86 73	89 71	91 68	88 71	82 65	70 61	77 60	83 62	86 63	89 63	89 66	89 68	88 66	88 65	89 66	90 67	91 65	88 58	87 56	85 57	88 62	83 53	85 55	84 56	81 55	75 60	80 63	79 66	78 68	84.8 66.1	
ROCK MILLS	MAX MIN	85 72	89 72	92 66	92 68	84 65	79 56	67 56	73 60	85 64	84 67	87 62	85 65	89 60	89 61	86 59	87 58	81 64	86 57	88 57	89 56	87 57	85 56	82 53	86 55	79 56	80 54	78 55	70 56	72 63	79 64	83.2 60.6	
SAINT BERNARD	MAX MIN	85 70	82 71	88 65	91 62	89 63	79 52	77 57	64 60	70 61	68 62	78 60	84 62	85 59	85 60	82 59	78 57	84 64	81 57	87 59	88 61	88 65	80 55	76 56	80 45	79 48	78 55	76 58	76 59	75 62	80.5 59.4		
SAND MT STATE FARM AP	MAX MIN	79 71	86 71	89 67	88 67	79 64	75 59	65 56	70 58	71 62	76 64	80 62	83 61	82 61	81 59	75 56	78 56	79 59	81 63	83 59	84 64	80 64	78 54	74 53	74 47	75 49	72 56	69 56	74 61	79 62	77.7 60.1		
COTTSBORO	MAX MIN	80 72	90 72	93 68	92 72	80 65	79 56	68 60	73 64	81 67	83 64	86 66	87 64	83 68	78 63	78 63	82 62	87 61	88 63	89 62	80 64	81 58	80 53	79 49	79 48	77 56	76 58	74 58	75 62	82.1 61.6			
SELMA	MAX MIN	85 72	94 74	95 69	95 72	94 72	82 63	69 60	72 64	84 62	86 68	91 68	91 68	91 67	90 68	86 66	92 64	84 62	92 65	93 65	92 63	91 65	89 60	81 60	88 57	85 55	86 57	80 63	77 62	74 65	82 67	86.4 65.1	
SPRING HILL	MAX MIN	88 70	89 74	79 70	89 72	90 66	88 72	78 60	64 66	74 66	85 70	88 69	89 67	90 71	92 72	89 68			90 57	92 70	90 69		91 69			80 60	86 66	85 70	82 66	80 67	86.0 68.0		
TALLADEGA	MAX MIN	86 73	89 73	93 67	92 67	86 64	74 59	65 61	71 63	77 66	81 66	85 63	88 63	87 61	86 64	84 62	85 64	75 62	59 66	88 60	86 58	87 60	85 65	79 53	81 53	80 54	81 47	75 60	71 57	71 62	83 64	82.0 61.6	
THOMASVILLE	MAX MIN	88 70	81 72	90 69	89 69	85 70	79 62	67 59	69 61	82 61	84 68	87 67	88 64	88 69	85 68	90 65	84 68	89 65	89 66	88 67	88 68	86 63	78 63	83 55	83 55	81 47	75 64	75 62	72 64	77 66	82.8 65.2		
TROY	MAX MIN	81 72	82 67	88 69	90 70	89 63	85 55	69 60	67 60	75 60	84 63	86 65	89 67	88 66	90 62	89 66	86 61	88 67	90 61	88 64	86 62	89 63	87 59	80 58	84 58	80 56	80 59	78 60	72 65	75 65	83.5 63.2		
TUSCALOOSA CAA AP	MAX MIN	89 71	89 70	93 68	93 70	84 68	78 57	66 69	71 62	85 64	88 63	91 65	90 65	87 64	84 63	88 64	79 64	90 63	91 62	90 63	90 62	79 62	81 56	85 49	82 55	76 53	74 63	78 63	78 64	83.8 62.7			
TUSKEGEE	MAX MIN	82 73	84 73	89 70	92 72	91 62	85 59	67 61	68 62	84 64	86 67	87 68	85 65	87 66	87 66	85 63	86 63	85 62	88 64	87 63	88 63	89 68	86 60	80 59	85 59	80 54	83 58	79 62	72 65	83.1 64.2			
UNION SPRINGS	MAX MIN	84 70	89 66	93 66	93 67	87 67	79 60	67 60	72 63	82 63	86 64	89 68	89 66	90 66	90 66	87 60	89 64	89 69	90 66	92 66	90 65	92 66	87 70	82 60	85 58	83 55	83 58	79 58	73 58	76 58	84.7 64.0		
UNIVERSITY	MAX MIN	83 69	84 67	90 66	93 67	83 67	77 64	64 60	68 59	68 62	70 63	91 65	90 67	85 65	83 63	87 61	78 65	89 60	90 64	90 62	88 64	82 63	75 56	78 49	80 55	79 52	73 62	71 62	75 63	80 65	81.6 62.5		
VALLEY HEAD	MAX MIN	85 67	86 71	88 70	89 64	78 60	75 53	65 58	72 60	73 62	82 63	81 62	89 59	86 60	82 60	80 60	78 60	82 61	84 65	86 65	82 66	80 66	78 62	76 50	76 50	74 48	73 49	73 50	73 62	79 65	79.7 59.3		
WETUMPKA	MAX MIN	81 75	89 75	92 70	94 74	86 71	72 64	68 61	70 65	82 64	81 67	87 69	88 69	88 67	84 68	89 65	81 68	88 62	89 65	89 65	88 65	86 70	81 60	85 58	79 58	80 56	76 61	73 60	69 65	78 67	82.5 65.7		

EVAPORATION AND WIND

Table 6

Station		Day of month																															Total of ave
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
AUBURN	EVAP WIND	.21 101	.06 19	.24 39	.25 82	.22 82	.31 163	.15 180	.00 24	.07 41	.15 20	.17 20	.18 21	.20 21	.14 4	.20 23	.23 28	.22 20	.00 24	.29 17	.13 5	.19 10	.17 37	.19 44	.08 41	.32 74	.27 87	.26 76	.20 84	.04 88	.13 60	VB21.05 1535	
FAIRHOPE	EVAP WIND	.16 7	- 7	.23 10	.26 24	.23 48	.28 57	.13 73	.07 37	.14 23	.18 15	.19 25	.16 15	.07 25	.27 17	.17 13	.13 8	.15 16	.15 10	.16 11	.13 9	.13 8	.20 33	.19 20	.19 16	.06 31	.26 14	.06 11	.09 13	.07 17	.07 18	B 4.74 621	

[illegible]

Figures and letters following the station name, such as 12 SSW, indicate distance in miles and direction from the post office.

Figures and letters following the station name, such as 12 SSW, indicate distance in miles and direction from the post office.

Delayed data and corrections will be carried only in the June and December issues of this bulletin.

Stations appearing in the index, but for which data are not listed in the tables, are either missing or received too late to be included in this issue.

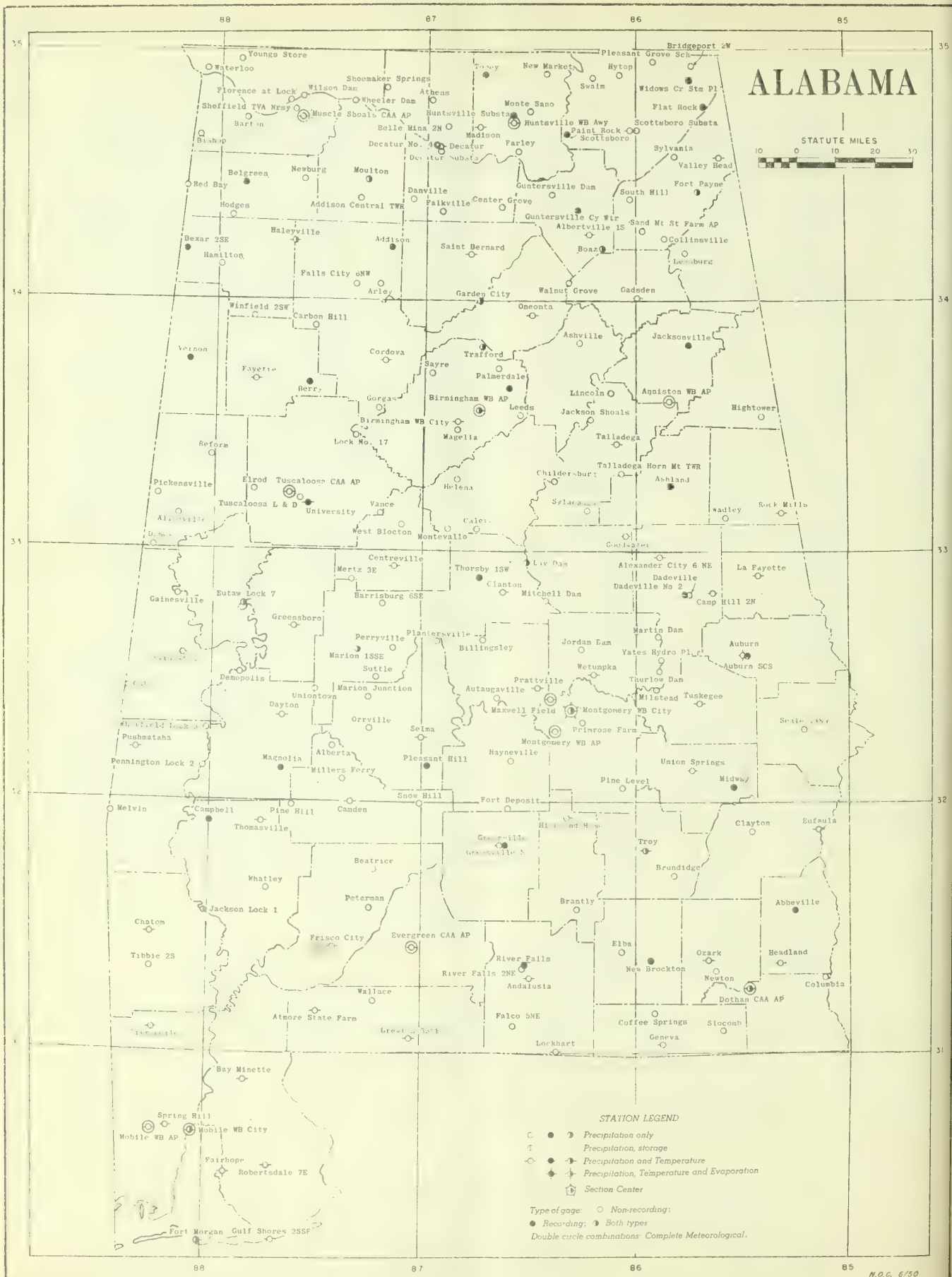
Unless otherwise indicated, dimensional units used in this bulletin are: Temperatures in °F, precipitation and evaporation in inches, and wind movement in miles. Evaporation

Sleet and hail were included in snowfall averages in Table 1, beginning with July 1948.

Amounts in Table 4 are from recording gages. Traces are not shown.

Data in Tables 3, 5 and 6 are for the 24 hours ending at time of observation. See the Station Index for observation time.

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U. S. DEPARTMENT OF COMMERCE
CHARLES SAWYER, Secretary
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CLIMATE AND DATA LIBRARY

CLIMATOLOGICAL DATA

ALABAMA

OCTOBER 1950

Volume LVI No. 10



ALABAMA - OCTOBER 1950

A. R. Long, Section Director - Montgomery

WEATHER SUMMARY

October this year was both warmer and drier than normal. Temperatures showed no trend toward warmer or colder as the month passed, so that the first half month was cooler than normal for the time of year and the last half considerably warmer than normal for so late in the season.

Rainfall for the month averaged 62% of the normal. Nearly all of this rain fell between the 19th and 23rd.

The dry weather was favorable for fall harvesting, and as the month ended cotton picking was practically completed in all except the late north Alabama areas. The threshing of peanuts was almost finished in many localities, and a big portion of the sweet potato crop was dug. The harvesting of soy beans and grain sorghum was also well advanced. Pecans were somewhat later than normal.

The lack of soil moisture prior to the 20th was not favorable for the germination and growth of newly planted winter grains and legumes. These crops were making good progress as the month ended, however.

There were no severe storms, and, of course, no floods.

-- FCP

ACKNOWLEDGMENTS

In addition to the climatological data from some 6,000 Weather Bureau and cooperative weather stations, this bulletin series contains records from Hydroclimatic Network stations which were formerly reproduced in the Hydrologic Bulletin Series. The Hydroclimatic Network is a nationwide net of rain gages--mostly of the recording type which produce continuous records of precipitation. It was established in 1939 at the request of the Corps of Engineers, Department of the Army, to supplement existing precipitation stations in order to provide records of rainfall intensity which were essential to the planning of flood control and related works by the Corps of Engineers. This Network, now numbering about 2,000 recording, and 1,000 non-recording rain gages, has been maintained by the Weather Bureau through working funds transferred annually to the Weather Bureau by the Corps of Engineers. These transfers averaged about \$250,000 per year between 1940 and 1944, and nearly \$375,000 since that date. For the years 1940-42, the Department of Agriculture transferred about \$100,000 per year to provide data required in its work, and since 1947 the Bureau of Reclamation has transferred about \$25,000 per year to meet the increasing needs of their program in the Western States.

Previous to the introduction of this bulletin series, data from Hydroclimatic Network stations were presented in bulletins (Hydrologic Bulletins) which were issued monthly for each of 8 drainage areas embracing the entire United States, but since the Network was established to meet the internal requirements of the Federal agencies referred to above, no provision was made for public dissemination of the data, distribution being limited to cooperating agencies and to certain public repositories. A list of locations where reference copies of the Hydrologic Bulletin Series are available for inspection may be obtained upon application to Chief, U.S. Weather Bureau, Washington 25, D. C.

Many other records published in this bulletin have been made available through the cooperation of various public offices, private agencies, and individuals as listed in the Station Index.

SUPPLEMENTAL DATA

ALABAMA
OCTOBER 1950

Station	Wind direction		Wind speed m. p. h.				Relative humidity averages - percent				Number of days with precipitation							Percent of possible sunshine	Average sky cover sunrise to sunset	Degree days 65° base
	Prevailing	Percent of time from prevailing	Average	Fastest mile	Direction of fastest mile	Date of fastest mile	12:30 a CST	6:30 a CST	12:30 p CST	6:30 p CST	Trace	01-09	10-49	50-99	100-199	200 and over	Total			
BIRMINGHAM WB AP	ENE	12	6.0	29	NE	17†	88	93	55	72	2	1	2	2	0	0	7	65	4.5	See Table 2
MOBILE WB CITY	NE	20	9.4	34	NE	17	87	90	54	75	0	1	5	2	0	0	8	70	2.9	"
MONTGOMERY WB CITY	NE†	14†	5.3†	28†	NE†	17†	88†	92†	54†	71†	1+	3+	1+	1+	0+	0+	6+	70†	3.7†	"
† AIRPORT DATA																				

COMPARATIVE DATA

Year	Temperature			Precipitation		Year	Temperature			Precipitation		Year	Temperature			Precipitation			
	Average	Highest	Lowest	Average	No. of days .01 or more		Average	Highest	Lowest	Average	No. of days .01 or more		Average	Highest	Lowest	Average	No. of days .01 or more		
884	69.9	99	28	1.43	4	1909	64.0	96	25	1.58	3	1934	67.1	92	31	6.42	6		
885	60.0	86	26	2.77	6	1910	66.7	98	21	3.20	6	1935	67.5	92	30	1.73	3		
886	64.9	91	28	0.39	2	1911	68.9	101	30	3.12	6	1936	67.1	94	30	2.12	5		
887	62.1	87	22	3.42	5	1912	66.3	98	29	3.01	5	1937	63.1	96	23	6.00	10		
888	62.4	87	30	4.04	7	1913	61.3	94	19	2.21	5	1938	66.7	97	26	0.33	1		
889	61.8	90	27	0.85	3	1914	64.1	90	24	2.88	6	1939	66.9	94	26	0.38	3		
890	62.7	93	24	4.07	7	1915	67.1	94	28	4.93	8	1940	66.1	95	34	1.40	3		
891	61.1	96	23	0.24	1	1916	64.8	97	26	1.74	3	1941	72.0	98	34	2.14	5		
892	65.0	94	23	0.56	2	1917	58.4	95	22	1.46	3	1942	66.0	91	25	1.99	6		
893	63.1	95	22	2.15	3	1918	69.0	94	38	8.67	12	1943	61.9	92	26	0.86	2		
894	64.0	95	30	2.54	4	1919	74.4	99	46	4.63	8	1944	64.2	92	24	0.56	2		
895	61.0	93	27	2.01	4	1920	64.8	94	24	1.12	2	1945	64.0	95	31	3.72	5		
896	63.9	98	26	2.39	4	1921	63.0	91	29	2.32	4	1946	65.2	91	30	1.42	3		
897	67.3	97	30	1.32	3	1922	65.3	92	32	2.56	6	1947	70.2	92	36	1.80	6		
898	61.5	96	24	4.21	6	1923	63.7	97	28	2.65	4	1948	62.0	89	23	1.47			
899	66.4	92	29	2.21	4	1924	65.1	93	26	0.31	1	1949	70.2	92	37	3.37			
900	69.1	98	44	5.52	6	1925	65.3	98	26	5.75	11	1950	66.9	90	34	1.77			
901	62.9	92	31	1.06	2	1926	66.9	98	30	2.10	6	Period	64.8			2.88			
902	63.7	95	26	3.66	4	1927	67.8	98	29	2.04	4								
903	63.6	97	22	1.84	4	1928	67.9	97	32	3.34	7								
904	64.9	101	25	0.32	2	1929	63.1	89	30	5.10	7								
905	64.6	91	30	4.46	8	1930	62.5	88	23	2.72	5								
906	61.3	90	25	3.44	6	1931	68.3	97	30	1.76	3								
907	63.6	95	26	1.42	4	1932	62.8	89	30	6.47	7								
908	60.8	92	27	1.77	4	1933	66.5	98	32	1.95	4								

See reference notes following Station Index

Table 2

CLIMATOLOGICAL DATA

ALABAMA
OCTOBER 1950

Station	Temperature										Precipitation									
	Average	Departure from normal	Highest	Date	Lowest	Date	Degree days	No. of days		Total	Departure from normal	Greatest day	Date	Snow, Sleet, Hail			No. of days			
								Max. 90° or above	Min. 32° or below					Total	Max. depth on ground at obsn.	Date	.01 or more	.25 or more	1.00 or more	
NORTHERN DIVISION																				
ALBERTVILLE 1 S	63.0M	.7	82	15	42	13+		0	0	1.31	- 1.96	.80	20	.0	0		3	2	0	
ANNISTON CAA AP	64.8		86	15	39	13		53	0	2.31	-.31	.96	23	.0	0		5	3	0	
BELLE MINA 2 N	63.2		85	16+	38	5		82	0	.53		.23	22	.0	0		5	0	0	
BIRMINGHAM WB AP	65.8	3.4	86	15	41	5		43	0	2.41	-.01	.95	23	.0	0		5	4	0	
BIRMINGHAM WB CITY	69.0	4.2	90	15	44	5+		11	1	4.00	1.58	1.65	23	.0	0		6	4	2	
CORDOVA	65.6	2.5	87	15+	39	13		51	0	1.37	- 1.70	.75	21	.0	0		3	2	0	
DECATUR	66.7	4.5	88	16	45	9		31	0	.68	- 2.39	.28	22	.0	0		6	1	0	
FAYETTE	64.9		86	17	38	5		0	0	1.20	- 1.49	.64	21	.0	0		5	2	0	
GADSDEN	64.2	1.0	87	16	37	13		0	0	2.21	- 1.10	.89	23	.0	0		6	3	0	
GOODWATER	66.1	1.6	85	16+	45	9+		0	0	1.59	- 1.28	.66	20	.0	0		5	3	0	
HALEYVILLE	65.6		85	16	38	9		49	0	1.62		1.22	21	.0	0		2	2	1	
HUNTSVILLE WB AWY	64.7		85	15	40	13		61	0	1.26	- 2.06	.47	19	.0	0		5	3	0	
MUSCLE SHOALS CAA AP	65.4	3.6	88	15	44	9		54	0	.76	- 2.46	.51	21	.0	0		4	1	0	
ONEONTA	64.7	3.2	88	16	38	13		0	0	1.76	- 1.28	.80	20	.0	0		4	2	0	
ROCK MILLS	65.1		88	15	39	13+		42	0	2.57	-.23	1.21	20	.0	0		6	3	1	
SAINT BERNARD	64.3	2.6	86	17	41	10+		0	0	1.71	- 2.03	.85	21	.0	0		5	3	0	
SAND MT STATE FARM AP	63.8		84	27	40	13		68	0	1.22		.53	20	.0	0		5	2	0	
SCOTTSBORO	65.2	4.0	87	15	38	14		52	0	1.55	- 1.72	.75	19	.0	0		5	2	0	
TALLADEGA	65.8		88	15	39	13		40	0	2.99	-.06	1.25	23	.0	0		4	3	2	
TUSCALOOSA CAA AP	66.4	1.7	88	31	40	9		42	0	3.69	.79	1.85	23	.0	0		4	4	1	
UNIVERSITY	66.0	1.3	87	31	42	9		43	0	4.12	1.22	2.60	23	.0	0		4	3	1	
VALLEY HEAD	62.7	2.2	84	16+	34	13		100	0	1.37	- 2.08	.98	20	.0	0		2	2	0	
DIVISION	65.1									1.92				.0						
MIDDLE DIVISION																				
ALEXANDER CTY 6 NE	64.7		85	15+	38	13		0	0	1.96		.59	23	.0	0		5	4	0	
AUBURN	67.2	1.1	85	16	46	9+		0	0	1.41	- 1.47	.60	20	.0	0		5	2	0	
CAMDEN	68.7		87	31	44	11		10	0	1.91		1.42	21	.0	0		5	1	1	
CAMP HILL 2 NW	66.2		85	15+	43	9+		0	0	1.27		.65	19	.0	0		4	2	0	
CENTREVILLE	68.3	3.3	88	17	46	9+		0	0	2.16	-.69	1.48	21	.0	0		4	1	1	
CLANTON	65.5	1.3	82	16+	43	13		0	0	1.74	-.88	.76	21	.0	0		4	4	0	
DAYTON	68.2		87	31	45	5+		20	0	1.72		1.13	21	.0	0		5	2	1	
EUFULA	67.8	2.1	87	16	41	14		7	0	.98	- 1.54	.23	21	.0	0		7	0	0	
GREENSBORO	69.4	4.2	90	31	43	9		10	1	2.05	-.59	1.20	21	.0	0		6	2	1	
GREENVILLE	67.8	1.8	84	31	45	9+		18	0	.77	- 1.77	.27	21	.0	0		7	1	0	
HIGHLAND HOME	68.8	1.5	85	7+	48	9+		13	0	.89	- 1.67	.37	19	.0	0		6	1	0	
LA FAYETTE	66.4		87	15	45	9		22	0	3.02		1.05	19	.0	0		6	3	2	
LIVINGSTON	67.6	3.9	87	30+	42	13		25	0	1.73	-.60	1.26	21	.0	0		5	1	1	
MARION JUNCTION 2 NE	67.5		86	31	42	9		23	0	1.67		1.03	21	.0	0		3	3	1	
MAXWELL FIELD	69.3		85	8+	49	13		7	0	1.04		.45	20	.0	0		5	2	0	
MONTGOMERY WB AP	68.4		86	15+	45	14		11	0	.83		.62	20	.0	0		5	1	0	
MONTGOMERY WB CITY	69.5	2.9	86	31	51	9+		6	0	.85	- 1.61	.49	20	.0	0		6	1	0	
PRATTVILLE	67.8		87	14	43	14		16	0	1.36	- 1.21	.84	20	.0	0		4	1	0	
PUEBLO	66.8	1.6	86	18+	42	10		0	0	1.00	- 1.64	.42	20	.0	0		3	3	0	
SELMA	70.0	4.5	90	31	45	13+		8	1	1.51	-.91	.92	21	.0	0		4	1	0	
THOMASVILLE	68.8	3.1	87	22	46	10		16	0	1.42	- 1.03	.80	21	.0	0		5	2	0	
TROY	68.5	.7	85	31	49	9+		0	0	1.57	-.88	.74	21	.0	0		6	3	0	
TUSKEGEE	68.7		87	16	46	14		0	0	1.52	-.88	.63	21	.0	0		6	3	0	
UNION SPRINGS	69.0	3.3	86	15+	48	5+		8	0	2.04	-.87	.89	20	.0	0		5	3	0	
WETUMPKA	68.4	1.4	85	30+	45	13+		15	0	.73	- 1.96	.29	20	.0	0		5	2	0	
DIVISION	68.0									1.49				.0						
SOUTHERN DIVISION																				
ANDALUSIA	68.7M		86	9	45	10		0	0	1.13		.52	23	.0	0		6	2	0	
ATMORE STATE FARM	69.7		88	8+	44	10		4	0	2.78		1.53	19	.0	0		3	3	1	
BAY MINETTE	69.8	.8	87	8+	46	10		1	0	2.55	- 1.80	1.14	18	.0	0		4	3	1	
BREWTON 3 SSE	67.5	.8	88	8	38	10+		22	0	1.83	- 1.24	.58	18	.0	0		6	3	0	
CHATOW	67.2		88	16+	39	10+		26	0	1.41		1.12	18	.0	0		5	1	1	
CITRONELLE	70.4	1.5	86	8+	51	9+		2	0	2.46	-.87	1.50	18	.0	0		4	3	1	
DOTHAN CAA AIRPORT	69.4		89	31	46	10+		8	0	.75	- 2.02	.30	17	.0	0		7	1	0	
EVERGREEN CAA AP	66.7	.0	88	8	39	10+		35	0	1.99	-.77	1.01	20	.0	0		7	2	1	
FAIRHOPE	69.0	.6	87	16+	46	10		4	0	3.52	-.45	1.57	21	.0	0		6	3	2	
PORT MORGAN			85	16+				0	0	1.92		1.27	17	.0	0		3	2	1	
FRISCO CITY	68.7		87	31	45	10		0	0	1.67	- 1.32	.74	21	.0	0		5	3	0	
GENEVA	68.9		88	2+	42	10		0	0	1.09	- 1.41	.42	21	.0	0		6	2	0	
LOCKHART	69.1		85	17+	43	10		0	0	1.20		.47	18	.0	0		6	2	0	
MOBILE WB AIRPORT	70.3		88	31	48	10		2	0	2.75		1.53	18	.0	0		6	2	1	
MOBILE WB CITY	70.6	1.3	86	16+	51	10		1	0	2.42	- 1.18	.72	18	.0	0		7	3	0	
OZARK	69.9	2.1	87	31	49	10+		2	0	.47	- 2.11	.15	19	.0	0		4	3	0	
ROBERTSDALE 7 E	69.2		85	16	45	10		2	0	2.87	- 1.19	1.27	21	.0	0		5	3	1	
SPRING HILL	70.2M									2.95	-.99	1.14	18	.0	0		6	4	1	
DIVISION	69.1									1.99				.0						
STATE	66.9	2.1								1.77	- 1.11			.0						

See reference notes following Station Index

DAILY PRECIPITATION

ALABAMA
OCTOBER 1950

Table 3

Station		Day of month																															Total
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
ARDESVILLE	R								.03									.20	.12	.45	.32	.03	.15									1.30	
ADDISON	R																		.20	.65	.33	.16										1.34	
ADDISON CNTRL TOWER										.04											*	*	1.51									1.55	
ALBERTA																			.18	1.70	.18										2.07		
ALBERTVILLE 1 S																		.80	.19	.32											1.31		
ALEXANDER CITY 6 NE																			.31	.38	.42	.06	.59								1.96		
ALICEVILLE																					1.49		1.90									3.39	
ANDALUSIA			.04															.27	.17	.11			.52	.02								1.13	
ANNISTON CAA AP	T																	.31	.86	.17	.01	.96									2.31		
ARLEY																				.56	1.19	.65	.60									3.00	
ASELAND	//R							.03										*	2.10	.32	.02	1.14									3.61		
ASHVILLE																			.99	1.10	.30	.20									2.83		
ATHENS								.20											.07	.24	.32	.01	T									.84	
ATMORE STATE FARM																		1.33		.92	.33										2.78		
ATMORE STATE FARM	R																.46	.85	.64	.16	.27	.03									2.41		
AUBURN																			.12	.60	.30	.07	.12									1.41	
AUBURN SCS 10	R																	.97	.30													1.47	
AUTDAUGAVILLE																				.21	.89	.44										1.34	
BARTON								.25													.70	.40										1.35	
BAY MINETTE																	.54	1.14			.71	.16										2.55	
BEATRICE																			.10	.15	1.25											1.50	
BELGREEN	R							.19											.45	.73												1.37	
BELLE MINA 2 N																			.15	.15	.23											.53	
BERRY	R																	.10	.79	.52	.22		.19									1.82	
BEXAR 2 SE	R							.04												.21	.35	.18										.78	
BILLINGSLEY																			.70	.89												1.59	
BIRMINGHAM WB AP	R			T				T										.38	.54	.48	.06	.95	T									2.41	
BIRMINGHAM WB CITY								T										.9	1.10	.53	.62	1.65	.01									4.00	
BISBOP		.10						.20												.55	.53											1.38	
BOAZ								.17												.71	.27	.24	.15									1.54	
BOAZ	R							.18											.54	.40	.30	.13										1.57	
BRANTLY																		.22	.10	.10	.06											.63	
BRENTON 3 SSE			.10															.58	.20		.30	.40		.13	T							1.83	
BRIDGEPORT 2 W																					.20	.66	.03	1.06								1.95	
BRUNDIDGE								.28									T	T	.11	.30	.50	T	.15	T								1.34	
CALERA																				.50	1.36	.21	.20	.07								2.34	
CAMDEN																		.17	.01	.08	1.42	.23										1.91	
CAMPBELL																		.26		.78	.25											1.29	
CAMP HILL 2 NW	R																	.65	.40	.20	.02											1.27	
CANBON HILL																			.30	1.40	.50	.30										2.40	
CENTER GROVE			.01	T				T	.09	T										.78	.13	*	.53	T								1.54	
CENTREVILLE																			.22	1.48	.24	.22										2.16	
CHATOM																		.08	1.12	.02	.01	.18										1.41	
CHILDERSBURG																		.45	.89	.38	.38	.18										2.28	
CITRONELLE																		.39	1.50	.20		.37	T									2.46	
CLANTON																		T	.35	.76	.30	.33	T									1.74	
CLAYTON																				1.03												2.15	
COFFEE SPRINGS								.10									.10	.10	.10	.30				1.12								.70	
COLLINSVILLE																			.73	.24	.30	.07										1.34	
COLUMBIA								.02											.31	.17	.69	.06	.03									1.28	
CORDOVA																			.40	.75	.22											1.37	
CUBA																			.11	.04	.72	.32										1.19	
DADEVILLE								.01											.01	.54	.36		.15									1.07	
DADEVILLE NO 2	R																	.28	.38	.07		.17										.90	
DANCY																		.11	1.15	.15		.96										2.37	
DANVILLE								.08												.20	.37	.23	.04										.92
DAYTON																		.10	.04	.16	1.13	.29										1.72	
DECATUR									.01											.14	.12	.28	.02	.11									.68
DECATUR NO 4								.04											.14	.06	.38	.15	T									.79	
DECATUR SUBSTATION								.03											.12	.06	.20	.09	.20									.70	
DEMOPOLIS LOCK 4																			.04	.14	1.29	.80	.27	.20								2.74	
DOTHAM CAA AIRPORT								.02									T	.30	.14	.17	.03	.08										.75	
DOTHAM CAA AIRPORT	M																	.25	.13</														

ALABAMA
OCTOBER 1950

See reference notes following Station Index.

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ALABAMA
OCTOBER 1950

Table 4

See reference notes following Station Index.

HOURLY PRECIPITATION

ALABAMA
OCTOBER 1950

Table 4-Continued

Station	A. M. Hour ending												P. M. Hour ending												Total	
	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12		
DADEVILLE NO 2	.03	.01	.01	.01	.01					.01	.01			.01		.10	.15	.02	.01			.01	.01		.38	
DOTHAN CAA AIRPORT	.01	.01	.02	.02	.01	.01	.01	.01	.03	.03									.01	.01	.14	.10	.10	.34	.17	
EUTAW LOCK NO 7	.01	.01	.02		.05	.03		.01								*	*	*	*	*		*	*	*	.83	
EVERGREEN CAA AP																										
FLAT ROCK	.10						.03													.02					.07	
FORT PAYNE	.01	.03	.02	.02		.02	.03	.05											.01	.01	.01	.05	.01	.01	.27	
GARDEN CITY	.15	.04									.01	.01	.01	.02	.01	.02	.04	.02	.02	.10	.04	.02	.02		.67	
GREENVILLE NO 2																									.29	
GUNTERSVILLE CITY W WKS	.02			.07	.01			.03	.02				.01				.01	.01	.02	.01		.04	.01	.01	.20	
HALEYVILLE			.02		.01										.01		.01	.01	.02	.01		.50	.09		.69	
HUNTSVILLE WB AWY	.22	*	*	*	*	*	.17														.01	.02	.22	.10	.01	
JACKSON LOCK 1																				.01	.03	.15	.01		.48	
JACKSONVILLE	.06	.03	.01	.02	.01	.10	.04	.01	.01	.01						.23	.02	.05		.04	.33	.42	.07	.03	1.00	
LAY DAM	.02	.10	.04	.02	.01		.01	.01		.01							.23	.02	.05	.01	.04	.33	.42	.07	.03	
MAGNOLIA				.01	.01	.03	.01	.03	.01											.01	.02	.01			.38	
MIDWAY												.03	.01	.15	.09	.01	.05			.01	.02	.01			.18	
MOBILE WB CITY																									.62	
MONTGOMERY WB AP	.01													.02	.56	.03			.07	.02	*	*	*	*	.34	
MOULTON															.03	*	*	*	.07	.02	*	*	*	*		
MUSCLE SHOALS CAA AP																									.48	
NEW BROCKTON													.09	.01	.01				.24	.11	.02	.02	*	*	.18	
PAINT ROCK	.07	.01				.07	.02																		.95	
PETERMAN																			.10	.43	.30	.02	.03	.04	.02	
PLEASANT HILL	.01	.01	.01		.01	.03	.01	.04	.01							.01	.01	.04	.04	.01	.12	.29	.12	.02	.01	
RIVER FALLS 2 NE																									.80	
THORNSBY 1 SW	.09	.06	.07	.02													.04	.01	.04	.01	.05				.15	
TONY						.01						.08	.02			.11	.23	.13	.04			.04	.03	.11	.93	
TROY													.19	.02	.01	.01	.01		.25	.19	.01	*	*	*	.11	
TUSCALOOSA CAA AP		*	*	*	*	*	.08	*	*	*	*	*	.02	*	*	*	*	*	.25	.43	.04	.01	.04	*	*	.70
UNIVERSITY				.03	.05	.01	.01																		.87	
-21st-																										
ABBEVILLE						.01																	.02		.03	
ADDISON	.01	.02	.02	.01	.09		.04	.02	.03	.01	.01	.05	.01	.01											.33	
ANNISTON CAA AP	.54	*	*	*	*		.04	*	*	*	*	.12	*	*	*	*	*	*	.01							
ASHLAND				.01	.01	.03	.06		.13	.01	.01	.02	.01	.01						.01	.01	.01			.32	
ATMORE STATE FARM	.01		.01																						.16	
BELGREEN		.08	.01	.01	.06	.28	.04	.03	.08	.05	.01		.06				.03								.73	
BERRY	.02	.03	.07	.18	.04	.03		.01	.01				.02	.01											.42	
BEXAR 2 SE	.03	.01	.01	.05	.06	.07	.01	.02				.04	.03	.02											.35	
BIRMINGHAM WB AP	.03		.01	.01	.20	.07	.01	.08	.06			.01	.01												.48	
BOAZ				.05	.01	.03	.01	.01	.04	.11	.04	.01													.30	
CAMPBELL			.01	.03	.02	.03	.01	.02	.02	.01	.01	.01					.01	.04	.03	.02	.01				.25	
DADEVILLE NO 2	.01				.01	.01																			.07	
DOTHAN CAA AIRPORT				.01	.01																				*	
EUTAW LOCK NO 7	.16	.06	.10	.04	.11	.03	.01											.01	.02		.30	.01	.08	.18	* 1.13	
EVERGREEN CAA AP	.09	*	*	*	*		.02										*	*	*	.16	*	*	*	*	*	
FLAT ROCK					.03		.01	.01		.01	.01		.10	.01											.14	
FORT PAYNE	.01					.01	.01			.01		.01	.01	.01											.07	
GARDEN CITY	.02	.01	.04	.02	.01		.01	.07	.02	.03	.01		.01	.01											.24	
GREENVILLE NO 2								.01	.02	.09	.07										.02	.06	.02	.01	.11	
GUNTERSVILLE CITY W WKS																									.19	
HALEYVILLE	.02	.04	.01	.01	.24	.18	.01	.04	.09	.01	.02	.07	.02	.01	.01										.78	
HUNTSVILLE WB AWY																										
JACKSON LOCK 1	.02	.01	.01	.02	.02	.01							.06						.01	.01					.16	
JACKSONVILLE				.01	.01	.02	.03		.01	.01	.01		.03	.01											.10	
LAY DAM	.01	.02	.01	.01	.04	.01		.01	.01																.12	
MAGNOLIA	.10	.18	.13	.01													.01	.01	.03	.01	.02	.02	.15	.20	.18	.67
MARION 1 SSE				.02	.02															.01	.06	.20	.18	.14	.63	
MIDWAY										.01	*		.04	.01	.01		.01	.01	.01	.01	.01	.01	.01		.09	
MOBILE WB AIRPORT				*	*	*	.10	*	*	*	*	*													.62	
MOBILE WB CITY	.13	.24	.06	.04	.01	.06	.02	.06					.04												.02	
MONTGOMERY WB AP				.02	.04	.07		.04		.04	*	.08	.25	*	*	*	*	*	.04	.01	.01	.02	.03	.01	.29	
MOULTON	.05	*	*	*	*		.22	*	*	*	*	*													.13	
MUSCLE SHOALS CAA AP																									.09	
NEW BROCKTON							.02	.01					.06												.07	
PAINT ROCK																									.53	
PETERMAN																									.19	
PLEASANT HILL	.02	.02	.01	.03																.02	.02	.05	.08	.20	.08	
RIVER FALLS 2 NE																				.09	.10				.30	
THORNSBY 1 SW	.02		.04	.16	.03	.04	.01																		.02	
TONY									.02																.01	
TROY																									.01	
TUSCALOOSA CAA AP	.08	*	*	*	*	*	.42	*	*	*	*	*	.09	*	*	*	*	*	*	.01	*	*	*	*	*	.47
UNIVERSITY	.06	.05	.02	.15	.03	.07	.05	.03	.01				.07	.10											.17	
WIDOWS CREEK STM PL																										
-22d-																										
ABBEVILLE		.11	.02	.01			.01																			

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DAILY TEMPERATURES

ALABAMA
OCTOBER 1950

Table 5

Station		Day of month																															Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
ALBERTVILLE 1 S	MAX MIN	80 58	79 53	78 55	67 45	65 45	69 46			77 44	67 45	76 45	78 45	72 42	73 42	82 44	80 48	79 57		76 61	71 63	71 63	69 62	69 60	75 62	69 48	72 43	78 44	75 44	77 56	79 56	81 56	74.4 51.6
ALEXANDER CTY 6 NE	MAX MIN	76 63	79 59	81 51	75 42	73 42	71 48	79 54	80 42	71 54	78 40	80 44	79 48	78 39	82 43	85 47	82 59	77 54	72 64	71 64	71 63	77 64	75 63	79 64	79 53	81 46	83 46	78 48	79 50	83 48	84 53	85 50	78.2 51.2
ANDALUSIA	MAX MIN	76 63	83 65	84 58	84 58	85 52	84 51	84 52	86 56	74 52	80 45	83 47	84 54	80 51	81 50	85 53	85 56	84 64	77 64	71 65	72 63			84 63	81 53	79 52	79 52	83 58	83 55	83 53	84 54	85 57	81.4 56.0
ANNISTON CAA AP	MAX MIN	73 62	81 57	82 53	72 51	72 43	71 46	79 45	79 46	72 42	78 40	81 45	77 45	76 39	84 42	86 45	82 51	80 56	76 64	70 65	72 65	75 64	71 63	74 64	72 57	78 52	80 45	78 44	80 55	82 53	84 54	77.5 52.0	
ATMORE STATE FARM	MAX MIN	84 67	85 64	84 58	83 60	79 52	78 53	85 55	88 59	80 51	80 44	83 51	85 55	82 51	83 51	86 53	88 53	80 62	69 64	75 66	78 64	77 66	81 62	79 61	79 49	84 53	85 55	84 63	85 60	85 59	87 58	81.8 57.6	
AUBURN	MAX MIN	75 66	78 61	80 57	82 56	81 48	74 51	71 54	80 60	79 46	70 46	77 51	81 52	80 48	79 49	82 49	85 52	81 61	75 62	73 63	70 64	75 65	80 65	80 58	81 50	79 52	79 50	81 52	77 57	80 52	81 56	84 60	78.4 55.9
BAY MINETTE	MAX MIN	85 67	86 65	84 60	82 58	78 54	85 55	87 55	77 48	80 52	82 48	83 55	81 51	84 50	87 53	87 58	78 62	76 65	75 65	76 62	75 67	82 60	80 63	80 61	80 50	85 54	86 54	86 56	87 58	83 60	85 60	81.9 57.7	
BELLE MINA 2 N	MAX MIN	80 59	79 55	82 53	71 55	73 42	75 45	78 45	79 40	71 40	75 40	75 40	75 41	73 39	83 40	83 43	85 44	84 48	82 54	78 55	79 56	75 62	73 60	76 54	76 50	74 45	78 40	81 46	84 51	85 51	83 50	78.4 48.0	
BIRMINGHAM WB AP	MAX MIN	75 65	81 62	80 56	80 41	75 51	73 53	79 53	76 45	71 45	76 48	80 47	78 42	79 47	85 49	86 52	84 57	80 65	75 64	74 65	71 65	73 67	76 65	79 59	65 52	77 47	82 54	79 57	78 55	82 58	84 56	77.6 54.0	
BIRMINGHAM WB CITY	MAX MIN	79 67	84 62	85 59	78 51	78 44	78 50	81 54	78 60	75 44	80 49	83 52	82 53	78 52	87 56	90 58	86 59	75 60	73 65	68 64	68 65	72 66	77 67	81 70	79 58	85 51	80 60	82 62	80 63	87 62	89 63	80.3 57.7	
BREWTON 3 SSE	MAX MIN	84 68	84 62	84 53	84 53	80 49	77 43	85 44	88 55	80 52	81 38	84 42	85 45	82 38	85 40	86 41	80 61	69 64	75 65	82 64	76 65	82 60	81 59	80 60	81 56	85 47	84 45	83 58	84 54	85 54	87 56	82.1 52.8	
CAMDEN	MAX MIN	80 66	83 67	82 56	77 58	78 48	77 49	84 49	85 59	77 47	80 47	83 44	84 54	81 48	84 45	85 48	85 52	79 63	75 66	77 64	72 66	78 66	83 67	83 64	77 59	77 51	81 50	84 53	82 53	84 59	86 58	81.0 56.3	
CAMP HILL 2 NW	MAX MIN	76 62	80 60	80 56	78 56	72 46	78 47	82 48	81 44	78 43	79 45	80 53	80 52	81 46	85 50	82 53	73 60	74 66	78 64	79 64	77 64	80 64	80 57	80 48	80 48	78 52	80 54	80 51	81 54	85 53	85 53	79.0 53.4	
CENTREVILLE	MAX MIN	79 73	78 64	81 61	84 64	78 50	76 48	77 51	80 54	79 46	75 46	77 48	82 48	80 46	81 46	86 52	88 58	82 54	75 68	77 65	77 66	78 68	78 65	80 59	76 54	80 53	83 53	83 56	79 54	85 57	87 59	80.1 56.4	
CHATAM	MAX MIN	83 65	86 60	84 60	80 59	77 47	80 43	84 47	85 49	75 43	81 39	85 42	83 47	85 39	87 40	88 42	81 59	69 61	78 65	72 66	77 66	84 62	84 62	82 55	80 46	84 45	86 48	84 55	85 55	87 55	88 55	82.2 52.2	
CITRONELLE	MAX MIN	84 68	80 66	83 62	75 64	79 52	83 54	86 57	77 61	78 51	82 51	81 56	83 59	82 55	85 58	86 60	78 62	68 64	74 64	71 63	74 63	80 68	79 65	80 60	79 55	80 57	83 57	84 59	83 64	82 63	84 65	86.0 60.2	
CLANTON	MAX MIN	78 65	76 61	79 56	80 58	72 46	73 47	70 50	76 54	80 44	69 44	76 44	79 50	79 43	77 44	82 45	82 51	82 55	76 64	74 66	74 64	69 66	76 65	77 65	78 65	73 55	73 52	79 52	77 54	80 56	82 54	76.4 54.5	
CORDOVA	MAX MIN	84 64	86 56	83 53	73 50	75 40	78 43	79 45	78 47	70 44	82 42	78 44	79 45	86 39	87 47	82 49	85 50	80 58	79 65	70 63	76 66	74 65	80 64	81 53	75 46	76 45	82 45	78 55	85 53	87 55	86 55	79.8 51.3	
DAYTON	MAX MIN	80 67	84 63	83 59	71 58	71 50	81 61	84 56	75 56	79 45	82 45	80 55	85 52	81 46	87 51	85 55	76 58	75 65	75 64	75 65	79 65	81 67	80 65	80 57	75 48	81 52	84 54	80 61	84 59	85 60	87 60	79.3 57.0	
DECATUR	MAX MIN	76 64	82 61	81 60	74 51	73 46	75 49	79 53	76 57	74 45	81 48	75 49	77 58	77 48	83 50	88 56	84 56	79 61	77 63	73 65	74 67	72 63	78 60	69 55	72 50	78 48	79 48	81 54	81 58	81 58	77.7 55.7		
DOTHAN CAA AIRPORT	MAX MIN	82 67	83 62	85 61	85 58	81 54	72 54	85 54	87 63	75 51	83 46	85 50	80 46	82 46	85 50	82 56	72 64	69 65	82 64	81 62	85 68	82 64	83 65	84 59	84 55	84 53	83 58	81 55	84 55	86 56	89 57	81.5 57.3	
EUFULA	MAX MIN	78 66	84 61	80 55	82 50	77 50	77 50	82 61	80 50	75 61	79 52	82 54	81 59	85 54	84 46	80 41	82 45	78 61	74 62	75 64	79 68	79 67	82 66	78 67	76 57	81 52	81 54	81 54	81 51	78 53	79 54	79.9 55.6	
EVERGREEN CAA AP	MAX MIN	82 65	84 60	84 51	78 53	73 48	82 55	88 55	74 49	81 39	82 42	83 46	80 40	84 39	84 42	87 47	79 62	74 64	79 65	83 67	81 64	79 62	81 54	79 45	79 45	83 45	83 45	83 45	86 55	86 52	81.1 52.3		
FAIRHOPE	MAX MIN	85 66	85 64	84 60	85 59	79 52	80 52	84 55	86 59	77 50	77 46	82 50	84 55	82 50	86 51	87 56	76 60	72 62	76 63	79 63	77 58	81 63	81 58	81 57	82 49	82 51	83 54	83 59	80 56	83 59	85 59	81.8 56.4	
FAYETTE	MAX MIN	82 64	76 57	82 53	82 58	71 38	74 41	78 51	76 51	79 42	72 39	78 40	80 48	78 42	84 45	83 47	86 53	83 60	77 64	80 65	74 66	80 67	80 63	78 53	80 48	77 46	80 46	81 54	84 53	84 53	78.4 51.4		
FORT MORGAN	MAX MIN	82 70	84 61	84 60	81 59	75 46	76 47	75 48	83 57	82 45	82 48	81 48	80 47	79 46	82 63	85 65	76 64	75 64	80 64	76 64	76 65	82 68	82 64	80 63	82 63	80 66	82 66	83 66	83 68	80 68	85 68	80.1 68.8	
FRISCO CITY	MAX MIN	74 65	82 63	83 59	83 60	83 50	77 52	73 53	83 57	86 48	75 45	81 48	83 53	84 48	80 51	83 56	85 52	79 60	68 63	73 63	76 64	78 64	82 64	81 64	80 48	79 56	83 56	85 62	85 61	85 58	87 56	80.7 56.6	
GADSDEN	MAX MIN	81 62	73 58	80 52	82 59	71 47	70 44	70 7																									

DAILY TEMPERATURES

ALABAMA
OCTOBER 1950

Table 5-Continued

Station	Day of month																															Average	
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
MCWELL FIELD	MAX	79	82	82	80	76	73	81	85	72	77	79	82	80	81	83	84	78	76	72	73	80	82	81	80	78	81	80	79	81	85	83	79.5
	MIN	67	65	60	58	51	54	55	61	50	50	54	56	49	51	55	58	66	70	66	66	69	70	66	61	56	56	57	57	59	59	58	59.0
MOBILE WB AIRPORT	MAX	85	85	84	84	78	80	82	87	75	80	84	85	80	83	85	87	77	71	77	77	76	81	79	82	82	85	83	82	83	85	88	81.7
	MIN	68	67	62	60	53	53	57	61	52	48	54	56	53	53	52	59	62	62	64	63	64	61	64	60	55	55	56	63	61	62	62	58.8
MOBILE WB CITY	MAX	84	85	83	82	76	79	83	85	73	77	81	83	81	83	85	86	77	72	76	80	76	79	78	80	79	83	84	82	81	84	86	80.7
	MIN	70	68	62	62	55	54	60	61	50	51	54	58	54	53	54	60	64	65	66	68	68	66	67	60	55	56	59	63	63	62	65	60.5
MONTGOMERY WB AP	MAX	78	82	84	81	78	74	81	84	72	78	80	82	82	84	86	84	76	75	72	73	80	83	81	80	81	84	82	81	84	85	86	80.4
	MIN	65	63	57	57	49	49	52	59	48	47	50	54	47	45	49	54	65	68	65	64	68	68	63	57	54	51	53	55	55	57	56	56.3
MONTGOMERY WB CITY	MAX	77	81	82	80	76	72	80	82	72	78	80	81	79	83	85	84	77	75	72	73	79	82	79	79	81	82	80	81	82	85	86	79.5
	MIN	67	65	60	58	52	53	57	61	51	51	55	56	54	55	58	61	65	69	65	64	68	68	65	57	53	57	58	59	59	60	61	59.5
MOBILE SHOALS CAA AP	MAX	75	80	82	70	74	75	75	73	69	75	79	73	77	82	88	87	81	78	78	71	71	75	72	64	73	78	80	76	83	84	84	76.8
	MIN	64	61	58	50	45	46	52	48	44	46	46	50	46	49	50	53	58	62	61	67	65	62	56	50	48	47	54	58	60	59	59	54.0
MOBILE	MAX	82	74	81	82	67	74	72	80	78	70	79	80	78	75	86	88	85	79	77	72	70	70	74	80	65	78	80	80	81	83	86	77.6
	MIN	63	58	52	58	40	45	45	51	44	41	43	53	38	40	44	48	56	60	64	63	65	63	61	57	45	46	48	55	56	49	51	51.7
MOBILE	MAX	81	83	84	85	80	75	84	81	79	80	84	83	80	83	85	85	77	71	71	80	79	85	83	81	80	84	83	83	85	86	87	81.5
	MIN	67	63	59	59	52	51	55	62	53	49	54	56	50	49	52	57	63	63	64	63	68	64	67	61	53	55	58	57	57	60	67	58.3
MOBILE CITY	MAX																																
	MIN																																
MONTGOMERY	MAX	79	82	82	78	76	75	81	84	72	79	80	79	78	87	86	84	78	76	73	72	79	82	78	77	80	83	79	78	83	85	84	79.6
	MIN	68	64	57	60	49	48	53	57	47	47	49	50	44	43	47	50	64	68	67	64	68	62	68	61	55	51	53	56	54	56	55	56.0
MOBILE	MAX	76	81	82	81	75	74	80	82	80	73	79	84	81	84	84	85	85	86	75	75	75	79	79	82	75	77	81	84	80	85	86	80.2
	MIN	66	61	56	60	47	45	45	56	46	42	46	55	43	44	46	50	59	52	62	62	61	63	55	49	49	49	57	54	56	57	53.4	
MONTGOMERY	MAX	83	83	83	83	79	80	81	83	75	80	81	84	81	81	84	85	78	75	76	79	75	79	79	79	81	84	81	81	82	83	84	80.7
	MIN	68	65	61	61	55	53	55	55	45	45	52	56	51	50	51	55	63	65	64	62	67	59	64	61	51	53	54	59	59	59	60	57.7
MOBILE	MAX	75	83	82	75	74	77	80	80	74	78	82	82	81	84	88	83	77	74	70	75	75	73	78	70	81	83	77	79	78	86	85	78.7
	MIN	65	58	54	51	46	48	43	54	43	42	44	47	39	39	42	46	59	64	65	64	65	63	63	54	46	44	51	48	48	52	51	51.5
MONTGOMERY	MAX	82	76	82	82	74	75	74	79	79	70	77	80	75	76	84	85	86	82	79	72	69	71	76	78	70	73	82	78	79	85	85	77.9
	MIN	61	59	52	58	43	45	45	51	42	41	42	47	41	41	44	47	54	59	62	63	64	63	58	54	45	43	45	50	49	50	51	50.6
MONTGOMERY	MAX	72	78	78	69	69	71	75	76	72	72	77	72	73	80	82	80	78	79	72	72	78	69	74	67	73	77	84	76	79	82	81	75.4
	MIN	62	54	59	58	42	49	49	57	42	43	44	45	40	42	48	52	55	61	62	63	60	61	61	55	51	42	44	53	57	55	53	52.2
MONTGOMERY	MAX	79	82	83	70	76	76	79	78	70	78	80	77	79	84	87	86	84	80	75	75	73	70	79	73	79	79	81	79	81	85	85	78.8
	MIN	62	58	60	48	40	46	48	58	41	45	46	47	40	38	45	50	52	57	59	64	65	65	63	54	44	45	47	52	51	57	52	51.6
MOBILE	MAX	82	87	87	78	80	74	85	86	77	81	84	84	84	87	89	89	81	77	75	74	85	86	83	79	83	85	86	84	87	89	90	83.2
	MIN	67	63	58	60	48	50	52	58	46	47	48	53	45	45	48	52	63	69	69	64	67	68	67	62	55	52	53	59	56	58	57	56.7
MONTGOMERY	MAX	84	85	83	82	78				88	76	82	85	84																			
	MIN	66	63	63	53	54				53	48	56	59	53																			
MONTGOMERY	MAX	76	83	83	71	75	74	79	79	73	78	81	79	79	85	88	85	82	73	71	70	75	75	78	75	80	80	82	79	81	84	87	78.9
	MIN	66	58	53	55	41	45	48	48	41	42	45	50	39	41	45	50	57	64	64	64	66	65	63	53	49	47	52	58	52	55	57	52.7
MOBILE	MAX	81	85	82	72	74	74	82	84	72	79	81	80	79	84	85	86	80	71	73	69	78	87	80	74	75	80	84	80	83	86	86	79.5
	MIN	68	63	65	64	48	51	53	59	47	46	50	55	53	54	53	53	62	65	64	63	66	66	64	58	48	56	58	63	62	63	62	58.1
MOBILE	MAX	76	80	81	82	82	76	70	83	82	72	80	81	81	80	82	83	82	73	72	68	75	81	83	81	78	76	80	80	81	84	85	79.0
	MIN	65	61	59	60	50	51	55	60	49	49	55	58	51	51	53	58	63	64	63	62	65	65	65	58	53	53	58	58	59	61	62	57.9
MOBILE	MAX	78	85	83	70	74	77	82	75	74	79	82	79	79	86	87	87	83	77	78	72	77	82	82	65	78	83	84	79	86	87	88	79.9
	MIN	65	59	56	53	45	46	49	54	40	41	44	45	44	45	47	50	61	65	65	64	65	66	62	48	47	49	47	54	52	54	52.8	
MOBILE	MAX	78	79	82	83	81	76	76	84	83	72	79	83	81	81	85	87	85	77	75	69	76	82	84	83	80	80	84	81	83	83	85	80.5
	MIN	67	61	57	57	50	51	52	60	48	47	50																					

ALABAMA
OCTOBER 1955

REFERENCE NOTES

The four digit identification numbers in the index number column of the Station Index are assigned on a state basis. There will be no duplication of numbers within a state.

Figures and letters following the station name, such as 12 SW, indicate distance in miles and direction from the post office.

Delayed data and corrections will be carried only in the June and December issues of this bulletin.

Stations appearing in the Index but for which data are not listed in the tables are either missing or received too late to be included in this issue.

Stations appearing in the Issues, but for which data are not listed in the tables, are either missing or received too late to be included in this issue.

Unless otherwise indicated, dimensional units used in this bulletin are: temperatures in °F, precipitation and evaporation in inches, and wind movement in miles. is measured in the standard Weather Bureau type pan of 4 foot diameter unless otherwise shown by footnote following Table 6.

Sleet and hail were included in snowfall averages in Table 1, beginning with July 1948.

Amounts in Table 4 are from recording gages. Traces are not shown.

Amounts in Table 3 are from non-recording gages, unless otherwise indicated.

Data in Tables 3, 5 and 6 are for the 24 hours ending at time of observation. See the Station Index for observation time.

- No record in Tables 3, 4, 6, and the Station Index. No record in Tables 2 and 5 is indicated by no entry. When hourly precipitation is missing or accurate

for several days, only the first and last days are shown in Table 4.

* Amount included in following measurement, time distribution unknown.

6 Station not equipped with recording gage. See table 4 for 6-hourly measured amounts.

Water equivalent of snowfall wholly or partly estimated, using a ratio of 1 inch water equivalent to every 10 inches of new snowfall.

1 One or more days of record missing; see Table 5 for detailed daily record. Degree day data, if carried for this station, have been adjusted to represent value for a full month.

D Daily values and monthly total from recording gage. All other data in Table 3 are from non-recording gages.
T Trace, an amount too small to measure.

V Includes total for previous month.

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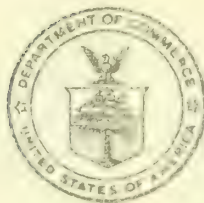
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CLIMATOLOGICAL DATA

ALABAMA

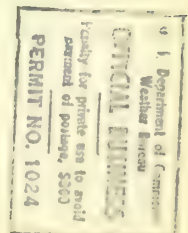
NOVEMBER 1950

Volume LVI No. 11



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A. R. Long, Section Director - Montgomery

WEATHER SUMMARY

November 1950 which was cold and as a whole rather dry, will be long remembered by many citizens on account of the great drop in temperature on the 24th and 25th. The morning of the 25th was, over the entire State, colder than has ever been recorded in November. Minimum temperature records were broken by as much as 6 to 9 degrees in most north and central localities and about 2 degrees on the coast.

Wind movement did not average stronger than usual, but a cycle of pronounced temperature changes ran through the month, so that every few days a spell of unusually warm weather would be followed by unusual cold.

The weather warmed up considerably on the 26th, after the severe cold on the 25th, but temperatures were still much below normal, and unusually cold weather persisted from the afternoon of the 23rd until the morning of the 30th. Frosts appeared earlier than usual in the south and central portions and there was some scattered frost in most sections on the 5th or 6th.

For the month as a whole, precipitation was moderately heavy in the extreme northwest corner of the State, where Young's Store had 6.20 inches. It graded off lighter toward the southeast, so that in the southeastern half of the State monthly totals were mostly from a half inch to an inch and a half. The driest areas were in a strip running from Washington and Mobile Counties northeastward through Tallapoosa and Chambers Counties, and in the southern counties along the Georgia border.

All precipitation fell in advance of the periodic incoming cool waves. There were light to moderately heavy showers on the 3d to the 4th, and light scattered showers on the 9th to the 11th. On the 16th, light to moderate showers occurred in the north and there were some light scattered showers in the south, and light to moderate showers were reported in most areas on the 20th.

Snow fell at a large majority of northern stations on the 24th, and amounts up to 2 inches or more were reported locally. Precipitation was only scattered in the south at this time, but small amounts of sleet or snow occurred in some localities.

The extreme cold late in the month was known to have caused the death of at least 14 persons in the State. A man was frozen to death in snow atop Sand Mountain in Jackson County. The other 13, scattered over the State, died of burns as a result of getting too close to open fires or from other heating problems. Four others were seriously burned.

Extensive damage was done by freezing to automobile radiators, water pipes and shrubbery. It is not possible to make an accurate estimate of State-wide losses, but in the Montgomery area alone the total was about \$100,000. Accurate and timely warnings issued on the 23rd resulted in savings of about \$500,000.

Good progress was made in harvesting and fall planting. Dry soil, however, made pasture and field grazing very short over the south and east-central portion, and the progress of legumes in these sections was slow. Appreciable damage to these crops, particularly lupine, was done by the severe freeze, and winter collards were practically wiped out over the northern half of the State.

No reports were received of severe local storms, and there were no floods. ---FCP

ACKNOWLEDGMENTS

In addition to the climatological data from some 6,000 Weather Bureau and cooperative weather stations, this bulletin series contains records from Hydroclimatic Network Stations which were formerly reproduced in the Hydrologic Bulletin Series. The Hydroclimatic Network is a nationwide net of rain gages--mostly of the recording type which produce continuous records of precipitation. It was established in 1939 at the request of the Corps of Engineers, Department of the Army, to supplement existing precipitation stations in order to provide records of rainfall intensity which were essential to the planning of flood control and related works by the Corps of Engineers. This Network, now numbering about 2,000 recording, and 1,000 non-recording rain gages, has been maintained by the Weather Bureau through working funds transferred annually to the Weather Bureau by the Corps of Engineers. These transfers averaged about \$250,000 per year between 1940 and 1944, and nearly \$375,000 since that date. For the years 1940-42, the Department of Agriculture transferred about \$100,000 per year to provide data required in its work, and since 1947 the Bureau of Reclamation has transferred about \$25,000 per year to meet the increasing needs of their program in the Western States.

Previous to the introduction of this bulletin series, data from Hydroclimatic Network stations were presented in bulletins (Hydrologic Bulletins) which were issued monthly for each of 8 drainage areas embracing the entire United States, but since the Network was established to meet the internal requirements of the Federal agencies referred to above, no provision was made for public dissemination of the data, distribution being limited to cooperating agencies and to certain public repositories. A list of locations where reference copies of the Hydrologic Bulletin Series are available for inspection may be obtained upon application to Chief, U. S. Weather Bureau, Washington 25, D. C.

Many other records published in this bulletin have been made available through the cooperation of various public offices, private agencies, and individuals as listed in the Station Index.

SUPPLEMENTAL DATA

ALABAMA
NOVEMBER 1950

Station	Wind direction		Wind speed m p h				Relative humidity averages - percent				Number of days with precipitation										Percent of possible sunshine	Average sky cover sunrise to sunset	Degree days 65° base
	Prevailing	Percent of time from prevailing	Average	Fastest mile	Direction of fastest mile	Date of fastest mile	12:30 a CST	6:30 a CST	12:30 p CST	6:30 p CST	Trace	01-09	10-49	50-99	100-199	200 and over	Total						
BIRMINGHAM WB AP	NNE	9	7.6	31	SW	20	78	83	50	66	2	3	5	1	0	0	11	59	4.8	See Table 2			
MOBILE WB CITY	SE†	16†	10.7†	40	SW	20	80†	83†	48†	71†	2	1	2	0	0	0	5	66	3.3	"			
MONTGOMERY WB CITY	NNW†	12†	6.4†	29†	SW†	20†	79†	86†	50†	62†	2	6	1	0	0	0	9	76†	4.1†	"			
AIRPORT DATA																							

COMPARATIVE DATA

Year	Temperature			Precipitation		Year	Temperature			Precipitation		Year	Temperature			Precipitation	
	Average	Highest	Lowest	Average	No. of days .01 or more		Average	Highest	Lowest	Average	No. of days .01 or more		Average	Highest	Lowest	Average	No. of days .01 or more
1904	52.0	83	15	2.54	6	1909	59.9	90	18	1.22	3	1934	57.6	87	23	3.87	6
1905	52.6	85	18	4.62	8	1910	51.7	86	21	2.09	5	1935	56.6	90	18	3.17	5
1906	52.5	84	18	5.77	9	1911	50.6	87	11	4.46	8	1936	59.3	90	15	1.72	5
1907	53.4	94	9	1.13	2	1912	50.6	86	15	1.94	4	1937	51.5	85	12	3.19	8
1908	54.9	63	20	3.64	6	1913	56.6	88	16	1.36	3	1938	56.5	89	11	3.35	6
1909	52.6	62	20	4.86	8	1914	53.1	86	9	4.13	7	1939	52.4	85	22	0.85	4
1910	57.7	85	23	0.47	2	1915	56.6	89	20	3.12	5	1940	54.7	85	12	3.49	9
1911	52.8	90	12	4.98	7	1916	54.8	89	12	2.82	5	1941	54.3	85	20	2.51	6
1912	53.6	89	18	3.90	7	1917	51.5	81	20	1.36	3	1942	57.4	87	19	1.77	5
1913	53.7	86	15	2.76	6	1918	53.5	81	26	5.06	7	1943	52.3	87	18	3.44	3
1914	51.1	85	11	0.78	3	1919	57.3	87	21	4.54	6	1944	54.9	85	23	3.70	8
1915	53.9	84	18	1.53	4	1920	51.0	89	18	3.05	6	1945	57.0	87	16	3.55	6
1916	58.0	90	14	4.06	7	1921	58.3	87	25	3.63	8	1946	60.8	88	27	4.97	8
1917	54.8	85	21	2.02	5	1922	57.3	92	18	1.89	5	1947	53.1	81	22	2.09	12
1918	50.4	87	12	5.62	10	1923	52.2	80	22	5.22	7	1948	56.8	87	24	15.30	
1919	56.0	83	18	3.01	6	1924	56.3	90	13	0.25	2	1949	52.9	83	18	0.80	
1920	55.4	86	23	3.85	6	1925	52.9	82	18	4.46	7	1950	49.4	89	2	1.67	
1921	49.2	84	16	1.89	4	1926	50.6	83	20	1.92	8	Period				3.17	
1922	58.1	85	21	4.18	6	1927	60.5	88	24	3.68	5						
1923	51.4	85	12	2.07	5	1928	53.3	85	16	2.15	4						
1924	52.7	86	21	2.92	6	1929	54.4	88	10	10.02	13						
1925	56.3	88	20	1.80	6	1930	54.0	85	16	7.18	10						
1926	56.3	87	19	2.19	5	1931	60.8	89	25	1.76	4						
1927	51.9	82	16	6.10	10	1932	50.3	79	20	3.71	8						
1928	57.4	88	15	1.54	4	1933	55.2	91	18	1.15	3						

See reference notes following Station Index

CLIMATOLOGICAL DATA

ALABAMA
NOVEMBER 1950

Table 2

Station	Temperature									Precipitation									
	Average	Departure from normal	Highest	Date	Lowest	Date	Degree days	No. of days		Total	Departure from normal	Greatest day	Date	Snow, Sleet, Hail			No. of days		
								Max 90° or above	Min. 32° or below					Total	Max. depth on ground at obsn.	Date	.01 or more	.25 or more	1.00 or more
NORTHERN DIVISION																			
ALBERTVILLE 1 S	44.1M	- 6.9	82	1	0	25+		0	18	2.41	- 1.31	.72	21				5	4	0
ANNISTON CAA AP	46.1		83	1	5	25	560	0	16	1.88	- 1.36	.93	20	T	T	25	7	2	0
BELLE MINA 2 N	45.3M		84	1	0	25	597	0	16	E3.90	- 1.36	1.47	2	3.0			6	5	2
BIRMINGHAM WB AP	47.2	- 4.2	83	1	5	25	530	0	1	1.69	- 1.62	.56	3	1.4	1	24	9	2	0
BIRMINGHAM WB CITY	51.0	- 2.9	86	1	5	25	428	0	10	1.88	- 1.43	.64	3	.5	T	24+	8	4	0
CORDOVA	48.5	- 4.0	86	1	6	25	504	0	16	2.71	- .70	.85	21	2.2	2	25	5	4	0
DECATUR	47.6	- 3.3	84	1	3	25	531	0	11	3.01	- .19	1.03	3		3	24	8	4	1
FAYETTE	46.1		85	1	6	25		0	20	E3.21	- .54	.92	21		3	24	7	5	0
GADSDEN	45.3	- 6.4	84	1	4	25		0	19	1.76	- 1.45	.78	21	1.5	2	25	6	3	0
GOODWATER	47.9	- 6.1	85	1	6	25		0	15	1.76	- 1.50	1.07	21	T	0		4	2	1
HALEYVILLE	46.9		79	1	0	25	544	0	11	3.27		1.50	20	2.5	3	24	6	3	1
HUNTSVILLE WB AWY	44.7		83	1	1	25	609	0	15	3.17	- .29	1.22	20	1.5	2	24	7	4	1
MADISON	4.55	- 5.7	86	1	0	25		0	17	E3.42	- .10	1.22	21	1.5			8	4	1
MUSCLE SHOALS CAA AP	4.55	- 5.1	81	1	2	25	583	0	15	3.93	.48	1.66	2	4.0	2	24+	11	4	1
PELL CITY	45.8M		85	2	5	25		0	19					.0	0				
ROCK MILLS	48.5		86	1	6	25	495	0	17	.96	- 2.28	.82	21	T	T	25	4	1	0
SAINT BERNARD	44.0	- 6.6	86	1	2	26		0	20	2.50	- 1.22	.90	21	1.5	T	24	10	4	0
SAND MTN STA FARM AP	45.6M		81	1	- 1	25	552	0	13	E1.95		.77	20	1.0			6	4	0
SCOTTSBORO	45.2	- 5.2	83	1	1	25	590	0	17	E2.50	- .78	.75	20	2.5			6	5	0
TALLADEGA	48.1	- 5.1	86	1	5	25	518	0	17	E1.06	- 2.24	.40	20	.8			6	2	0
TUSCALOOSA CAA AP	48.8	- 4.6	86	1	10	25	482	0	16	3.02	- .56	1.21	3	T	T	24	6	4	1
UNIVERSITY	46.7	- 6.7	85	1	6	25	549	0	15	E3.00	- .59	1.10	16				5	3	2
VALLEY HEAD	44.4	- 5.0	80	1	- 2	25	614	0	17	E2.33	- .83	1.34	21	.9			5	3	1
DIVISION	45.5									2.51				1.4					
MIDDLE DIVISION																			
ALEXANDER CITY 6 NE	47.8		84	1	5	25	512	0	17			.77	20						
AUBURN	48.8	- 6.7	84	1+	9	25+		0	11	.84	- 2.27	.57	21	.0	0		4	1	0
CAMDEN	52.8		85	1	13	25	379	0	13	.65		.40	20	.0	0		7	1	0
CAMP HILL 2 NW	47.6M		85	1	6	25+		0	16	.66		.63	21	.0	0		2	1	0
CENTREVILLE	49.9	- 3.9	87	2	10	26		0	12	1.57	- 1.60	.55	21	T	T	24	5	3	0
CLANTON	47.5	- 6.1	83	1+	8	25		0	15	E .84	- 2.45	.47	21				6	1	0
DAYTON	52.4		85	1	13	25	392	0	13	1.06		.30	16				6	1	0
EUPAULA					12	25		0		.73	- 2.02	.34	21	.0	0		5	1	0
GREENVILLE	52.8	- 3.2	85	1	18	25	374	0	6	1.39	- 1.72	.52	3	T	0		6	3	0
HIGHLAND HOME	53.4	- 3.7	88	1	10	25	367	0	8	1.80	- 1.53	.85	20	.0	0		4	2	0
LAFAYETTE	49.7		85	1	6	25	463	0	12	E .57		.49	20	.0	0		4	1	0
LIVINGSTON	51.1	- 2.1	85	1	13	25	419	0	13	2.96	- .03	1.65	4	.0	0		7	3	1
MARION JUNCTION 2 N	50.8		86	1	11	25	433	0	14	.69		.34	20	.0	0		4	1	0
MAXWELL FIELD	51.0		84	1	14	25	434	0	7	.87		.63	20	T	0		5	1	0
MONTGOMERY WB AP	50.0		85	1	13	25	455	0	14	1.04		.86	20	T	0		6	1	0
MONTGOMERY WB CITY	52.0	- 3.8	85	1	12	25	404	0	7	.63	- 2.60	.48	20	T	0		7	1	0
PRATTVILLE	50.1	- 4.4	85	1	13	25	455	0	14	1.16	- 2.13	.65	20	.0	0		3	2	0
PUEBLOMATAHA	50.9	- 4.3	87	1+	15	25		0	13					1.0					
SELMA	53.8	- 2.6	89	1	13	25	354	0	10	.51	- 2.43	.34	21				5	1	0
THOMASVILLE	52.8	- 2.9	85	1	14	25	374	0	9	.85	- 2.45	.69	21	.0	0		2	1	0
TROY	51.8	- 5.7	85	1+	12	25		0	9	1.17	- 2.15	.45	4+	.0	0		5	2	0
TUSKEGEE	50.9	- 5.3	87	2	12	25+		0	12	1.23	- 1.71	.71	21				6	2	0
UNION SPRINGS	52.3	- 3.3	87	1	15	25	396	0	11	.78	- 2.19	.68	21	.0	0		2	1	0
WETUMPKA	51.2	- 4.7	85	1	12	25	425	0	11	.83	- 2.35	.78	21	.0	0		2	1	0
DIVISION	50.9									1.04				0.2					
SOUTHERN DIVISION																			
ANDALUSIA	53.1		87	1+	16	25		0	7	1.68		.53	21	.0	0		7	3	0
ATMORE STATE FARM	54.8		86	1	17	25	329	0	10	.75		.60	20	.0	0		2	1	0
BAY MINETTE	55.1	- 4.6	86	1	19	25	321	0	7	1.03	- 1.87	.52	3	.0	0		4	2	0
BREWTON 3 SSE	52.0	- 4.7	86	1	16	26	390	0	14	.48	- 2.55	.42	21	.0	0		2	1	0
CHATOM	52.2		87	1	18	25	388	0	14	.81		.60	20	.0	0		4	1	0
CITRONELLE	55.9M	- 3.4	84	1	20	25	294	0	4	.93	- 2.34	.86	20	.0	0		3	1	0
DOTHAN CAA AP	52.5		88	1	17	25	389	0	10	.84	- 2.21	.46	16	.0	0		5	2	0
EVERGREEN CAA AP	50.0	- 6.8	86	1	15	25	448	0	15	1.66	- 1.38	.95	3	.0	0		6	2	0
FAIRHOPE	54.6	- 4.2	84	1	21	25	323	0	7	1.14	- 1.98	.64	3	.0	0		2	2	0
FORT MORGAN	58.2M		83	1	26	25	237	0	1	.46		.41	20	.0	0		2	1	0
FRISCO CITY	52.2		87	1	15	25		0	12	.94	- 2.08	.63	21	.0	0		5	1	0
GENEVA	52.4		86	1	18	25		0	9	.58	- 2.35	.25	21	.0	0		3	1	0
LOCKHART	53.8		87	2	17	25		0	6	1.88		1.19	4	.0	0		7	2	1
MOBILE WB AIRPORT	54.1		84	1	22	25	341	0	8	.68		.51	20	.0	0		4	1	0
MOBILE WB CITY	55.2	- 3.3	85	1	22	25	314	0	3	.51	- 3.13	.38	20	.0	0		3	1	0
OZARK	53.9M	- 3.5	88	1	14	25	354	0	8	.73	- 2.17	.45	4	.0	0		5	1	0
ROBERTSDALE 7 E	54.6		83	1	20	25	322	0	7	1.26	- 2.12	.68	3	T	0		2	2	0
DIVISION	53.8									0.96				T					
STATE	49.4	- 4.8								1.67	- 1.50			0.7					

See reference notes following Station Index

DAILY PRECIPITATION

ALABAMA
NOVEMBER 1950

Table 3

Station	Day of month																															Total	
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
ADAMSVILLE			.38													.17				.24												.79	
ADDISON		.11	1.16						.18	.04						.52				1.01												3.80	
ADDISON CNTRL TOWER			.01	.86	1.05												.42								.36							.44	
ALBERTA			.07																	.19												2.41	
ALBERTVILLE 1 S			.59							.32					T		.55				.72				.24								
ALEXANDER CITY 6 NE			T	.08												.10				.77													
ALICEVILLE			1.25													.65																	
ANDALUSIA			.50		.04						.03					.52				.03	.53											1.88	
ANNISTON CAA AF		.48	.01						.16	T	.01					.23				.93					.06							1.88	
ARLEY		.70	.43													.70					1.06			E.03	T							E.2.92	
ASHLAND	//R		.27	.28												.06				.55					.04							1.20	
ASHVILLE				.35						.80																						2.23	
ATHENS		1.33	.41						T	T						.38	.20		.02	.50	.03			.14		.16						2.78	
ATHORE STATE FARM											.15									.60												.75	
ATHORE STATE FARM	R		.02							.07	.02									.49												.60	
AUBURN			.02	.22							.03											.57										.84	
AUBURN SCS 10	R		.33								.03									.60									.03			.99	
AUTAGAVILLE			.70	.50											T	1.13	.29				.73										1.02		
BARTON																				.60												3.18	
BAY MINETTE			.52	.03						.06										.42						.25							1.03
BEATRICE																																	
BEAUGREEN	R	1.93	.82	.20				.35	.10							.92	.60			1.73												5.89	
BELLE MINA 2 N		1.47	.20	.20												.38				1.20					E.30							E3.90	
BERRY	R	.05	.81	.06					.32							.63				.45						.13						2.45	
BEXAR 2 SE	R	.41	.81	.03					.06							.37				1.72													
BIRMINGHAM WB AP	R		.56	.03					.15	.17	.02					.22			T	.43				.10	T				.01			1.69	
BIRMINGHAM WB CITY			.64	.11	.08				T	.29	.01					.29				.41				.05	T							1.88	
BISHOP		1.45	.70													.05	1.08			.63				.35								4.36	
BOAZ		T	.43	.06						.26								.57		T		.53										1.97	
BOAZ	R		.41	.06					.10	.04						.58				.56				.14	.12							.89	
BRANTLY			.77							T	.09							T				.38										1.24	
BRENTON 3 SSE			.06																		.42											.48	
BRIDGEPORT 2 W		.83							.26							.39					.89											2.66	
BRUNDIDGE			.10	T						.09										.23			.59									1.01	
CALERA			.27							.06										.23			.27						T	.07		.90	
CAMDEN			.02	.07					.11	.02						.01				.40												.65	
CAMPBELL	R		.27						.27											.24												.78	
CAMP HILL 2 NW			.03																		.63											.86	
CENTER GROVE		.34	.62	.09							.13	T				.39	.09		T	.12	.78	T										2.86	
CENTREVILLE		.02	.54								.04						.42					.55										1.57	
CHATHAM		.09	T								.03								.09													.81	
CITRONELLE									.04	T	.03									.86												.93	
CLANTON			.03	.03						.06										.15		.47										E.84	
COFFEE SPRINGS		.40							.10												.50											1.00	
COLLINSVILLE			.33							.54	.04								.36													3.07	
COLUMBIA			.04																													.60	
CORDOVA			.81							.35										.48		.85										2.71	
CUBA		.90	.30							.08		.05								.28												1.85	
DADSVILLE					.01																											.71	
DADSVILLE NO 2	R														.05			.03		.57													
DANCT		1.25	.02								.10	.08				.65				1.55												3.75	
DANVILLE		1.25	.84		.13					.33						.51	.46				.46	.55										4.57	
DAYTON		.23	.08							.15						.30					.18											1.06	
DECATUR		1.03	.75	T						.25						.26	.19			.21	.22											3.01	
DECATUR NO 4		1.10	.90					T		.25						.05	.45				.15	1.30										4.23	
DECATUR SUBSTATION		1.05	.55						.19							.53				.01	1.20	.25										3.96	
DEMOPOLIS LOCK 4		.12	.36						.06								.42															1.38	
DOTHAN CAA AIRPORT		.04	.04													.46				.27												1.61	
DOTHAN CAA AIRPORT	R	.03	.01													.45					.26											.77	
ELBA			.28								.10	.03				.01							.51									.93	
ELROD			.88		.14					.23																						E2.53	
EUFULA		1.11	.44							.13		.08	T	.07		.04	.46					.74										.73	
KUTAW LOCK NO 7																																	

ALABAMA
NOVEMBER 1950

Table 3—Continued

Station	Day of month																															Total
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
MADISON			.68	.58						.30						.22	.28			.10	1.22				E.15						E3.42	
MAGELLA			.14	.45	.02					.36	.01						.38				.40	.59				.02					1.97	
MAGNOLIA	R		.06						.13	.02							.38				.40	.52									.61	
MARION 1 SSE				.31												.20					.46										1.21	
MARION 1 SSE	R																				.46											
MARION JUNCTION				.04						.10							.02				.35					.10					.61	
MARION JUNCTION 2 NW				.05						.20						.10				.34											.69	
MARTIN DAM			.08		.05						.05						.08				.58				T	T					.74	
MAXWELL FIELD									.03	.02	T					.13					.02	.58		T	T						.87	
MELVIN			.04	.24						.17												.58									1.05	
WERTZ 3 E			.30	.48													.25				.53										1.56	
MIDWAY	R		.06		.01				.08	.03										.04		.42				.03					.43	
MILSTEAD	R			.48	T					.04	T						.04				.66										1.22	
MITCHELL DAM				.08	.05					.15	.03						.16				.52											
MOBILE WB AIRPORT			.06	T					.01	.10	T									.51											.66	
MOBILE WB CITY	R		.10						T	.03							.50		T		.38										.51	
MORTE SAND			.80	.60	.05					.25							.50					1.78			.10						4.08	
MONTEVALLO				.52	.10												.52							1.30							2.74	
MONTGOMERY WB AP			.08	T					.03	.02	T					.04				.86									.30	T	1.04	
MONTGOMERY WB CITY	R		.05	T					.03	.03	T					.03	.01			.48				.02							.63	
MOULTON	R		.85	.73	.09	.02			.11							.65				1.31				.10							3.86	
MUSCLE SHOALS CAA AP	R		1.66	.80	.08				.03	.08					.13	.83		.03	.02				.02								3.83	
NEW BROCKTON				.85	.02						.02									.43											1.30	
NEWBURG				*	2 29						.37									*	1.38			.16							5.12	
NEW MARKET			.70	.55							.21					.42	.06			.22	.55			.17							2.88	
KFVTON 2 NW				.95												T	.47														1.42	
ORRVILLE					.09																.45										.54	
OZARK				.45								.03					.17					.02				.06					.73	
PAINT ROCK	R		.23	.52	.08				.32							.56					1.18			.10							2.99	
PALMERDALE				.60						.75																					1.35	
PELL CITY																										.74					.84	
PENNINGTON LOCK 2				.45							.02											.37										
PEARTVILLE																						.30										
PETERMAN	R								.10	.06											31			T							.47	
PICKENSVILLE			.90	.57						.09												.99					.02					
PINE HILL											.08															.08						
PINE LEVEL				.44								.04										.75									1.13	
PLANTERSVILLE				.08						.15							.22				.85										1.30	
PLEASANT GROVE SCH			.25	.30						.24						.02	.40				.08	1.05			.04						2.36	
PLEASANT HILL	R		.02	.30												.05	.40				.48										.55	
PRATTVILLE										.04	T					.16				.65				.35							1.16	
PRIMROSE FARM																	.03				.71			.01							1.35	
PUSMATAHA			.57	.45																						.10						
RED BAY			2.00	.70						.06						.92			2.00		.20										6.13	
REFORM			1.02	.23						.25							.80							.25								
RIVER FALLS				.19								.08										.60									1.17	
RIVER FALLS 2 NW	R		.11													.35	.17			.58		.60			.13						1.04	
ROBERTSDALE 7 E			.68																		.58			T							1.26	
ROCK MILLS												.03																			.96	
SAINT BERNARD			.26	.55	.05	.03									.03	.05	.51			.06	.82	.90		.06	.02			T			2.50	
SAND MT STATE FARM AP			.40	.01						.25						.42				.77				E.10							E1.95	
SAYRE				.79	.05					.47						.02	.42				1.02				.08						2.85	
SCOTTSDORO			.65	.05					.40							.40				.75			E.25								E2.50	
SCOTTSDORO SUBSTA			.06	.59	T					.36						.36	.07			.17	.68			E.25							2.47	
SELMA				.04	.02					.05	T						T				.34				.06						.51	
SHEPPIED TVA NRSV			1.95	*	.54				.05	.07					.10	1.00				.78			.40								4.89	
SHOREAKER SPRINGS			*	2.44												.64			*	.86			.12								4.06	
SLOOMB																				.55												
SNOW HILL										.18	T									.51					T						.51	
SOUTH HILL			.57	.08												.21	.31			.24	.63			.18							2.40	
SUTTLE										.25							.08				.66										.99	
SWAIN			.48	.58	.05					*						*	.81			.11	.71			.12							2.86	
SYLACAUGA				.07						.07							.10				.24				.08						.56	
STYLANIA			.04	.85	.05					.31							.34				.89										2.68	
TALLADEGA			.05							.16						.28				.40			E.06						.08		E1.08	
TALLADEGA HORN MT TWR			.11	.05						.06						.15				.50					.08						.95	
THOMASVILLE	R		.04	.16												.21			.79	.69											.85	
THORSBY 1 SW				.64	.01					.05																					1.09	
THURLOW DAM																					.68										1.33	
TONEY	R		.72	.80				.03								.32				.81			.30								2.98	
TRAFFORD			.65	.07						.48							.40				.90										E2.70	
TRAFFORD	R		.66	.05					.42	.07						.39																
TROY				.45						.03	.07						.17				.45										1.17	
TROY	R		.44						.05	.08						.11				.44											1.10	
TUSCALOOSA CAA AP			1.21	T					.30	.03						.88				.53				.07							3.02	
TUSCALOOSA LOCK AND DAM			.63	.55	.02					.24							.85				.63			.02	.03						2.97	
TUSKEGEE				.43	.02							.02	T	T	T		.01			.71					.04						1.23	
UNION SPRINGS				.10								T	T	T																		

ALABAMA
NOVEMBER 1950

RION 1 SSE

See reference notes following Station Index.

ALABAMA
NOVEMBER 1950

Table 4-Continued

Station		A. M. Hour ending												P. M. Hour ending												Total	
		1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12		
MAGNOLIA													.09							.06	.01			.03	.01	.13	
MIDWAY																				.01						.08	
MOBILE WB AIRPORT	6													*	*		*	*	*				.01			.03	
MONTGOMERY WB AP																										.11	
MOULTON												.10	*													.03	
MUSCLE SHOALS CAA AP	6							*	*	*			.04	.01	*		*	*	*	.02						.11	
PAINT ROCK													.20	.12												.32	
PETERMAN																										.10	
TRAFFORD																	.04	.05		.01						.42	
TROY												.02	.03					.03	.07	.01	.06	.01				.05	
TUSCALOOSA CAA AP	6														*	*	*	*		.17	*	*	*	*	*	.29	
UNIVERSITY													.20	.04				.07		.03				.19		.24	
WIDOWS CREEK STM PL																											
-10th-																											
ADDISON		.03	.01																							.04	
ANNISTON CAA AP	6	.13																	.01					.01	.01	.07	
ATMORE STATE FARM			.01	.01	.01	.01	.01																			.17	
BIRMINGHAM WB AP		.04	.06	.04																						.04	
BOAZ		.01	.01	.02																						.11	
EUFAY LOCK NO 7			*	*	.05	.04											*	*	*	*	*					.04	
EVERGREEN CAA AP	6				*	*	*			.03						*	*	*	*							.03	
JACKSON LOCK 1		.01	.01	.02																						.04	
LAY DAM				.01		.01	.01																			.04	
MAGNOLIA		.01	.01																							.04	
MIDWAY																										.03	
MOBILE WB AIRPORT	6		*	*	*	*	*		.02	*	*	*	*	.03	.01	.01	*	*	*	.04	*	*	*	*	*	*	.03
MOBILE WB CITY																										.03	
MONTGOMERY WB AP									.01	.01			.01	.01					.01							.02	
NEW BROCKTON																										.03	
PETERMAN																										.02	
THORSBY 1 SW			.02	.03	.04	.02																				.06	
TRAFFORD		.02	.05																							.07	
TROY																										.06	
TUSCALOOSA CAA AP	6	.15	*	*	*	*	*		.01										.01	.05						.01	
UNIVERSITY			.01																							.01	
-11th-																											
ANNISTON CAA AP	6		*	*	*	*	*		.01																	.02	
ATMORE STATE FARM		.01			.01																					.03	
AUBURN SCS 10									.01	.02																.02	
BIRMINGHAM WB AP					.01	.01																				.03	
EVERGREEN CAA AP	6							*	*	*	*	*	.01	.01												.01	
MOBILE WB AIRPORT	6	.01																								.01	
-13th-																											
MARION 1 SSE																											
-15th-																											
MUSCLE SHOALS CAA AP	6							*	*	*	*	*	.13														
-16th-																											
ABBEVILLE									.03	.35	.08	.01	.01	.04					.03	.13	.01					.17	
ADDISON	6							*	*	*	*	*	.19	.02	.01	*	*	*		.04						.52	
ANNISTON CAA AP													.03													.06	
ASHLAND	//																									.92	
BELGREEN					.40	.49	.03																			.37	
BERRY					.01	.05	.21	.15	.12	.08	.01															.63	
BEXAR 2 SE					.01	.01	.01			.01																.37	
BIRMINGHAM WB AP				.04	.09	.18	.01							.01	.01											.22	
BOAZ									.48	.03	.05	.05	.04													.58	
DADEVILLE NO 2									.03	.01	.01															.05	
EUFAY LOCK NO 7									.07	.17	.01															.25	
EVERGREEN CAA AP	6																									.25	
FLAT ROCK										.11	.14	.03														.28	
FORT PAYNE									.34	.02	.01															.37	
GARDEN CITY									.15	.01	.14	.20	.04					.01	.01							.56	
GUNTERSVILLE CITY W WKS									.06	.22	.10															.38	
HALEYVILLE						.01	.32	.12																		.45	
HUNTSVILLE WB AWY	6	*	*	*	*	*		.21	*	*	*	*	*	.31	.01	.01										.35	
JACKSONVILLE											.19	.07	.07	.01	.01											.12	
LAY DAM											.19	.01	.02	.08				.01	.01							.20	
MARION 1 SSE																										.04	
MONTGOMERY WB AP																		.01	.03							.65	
MOULTON						.32	.09	*	.01					.02												.04	
MUSCLE SHOALS CAA AP	6	*	*	*	*	*		.77	*	*	*	*	.06													.65	
PAINT ROCK								.30	.26																	.56	
PLEASANT HILL																										.05	
RIVER FALLS 2 NE													.02		.01		.01	.01								.35	
THORSBY 1 SW													.05	.15	.01					.18	.14	.01	.02			.21	
TONEY																										.32	
TRAFFORD						.14	.18		.03	.03	.14	.14	.04	.01												.39	
TROY																	.01	.06	.01		.02	.01				.11	
TUSCALOOSA CAA AP	6							*	*	*	*	*	.88													.59	
UNIVERSITY								.24	.21	.04	*		.10													.65	
VERNON					.01	.14	.09	.20	.21																	.42	
WIDOWS CREEK STM PL					.20	.20	.02																				
-17th-																											
DOTHAN CAA AIRPORT																											
EVERGREEN CAA AP	6	.03																					.44	.01		.45	
-18th-																											
DADEVILLE NO 2												.01	.01	.01												.03	
MUSCLE SHOALS CAA AP	6																			*	*	*	*	*	*		
-19th-																											
MUSCLE SHOALS CAA AP	6	.03	*	*	*	*	*		.02																		
-20th-																											
ABBEVILLE																	.19	.05								.24	
ADDISON																		.02								1.01	
ANNISTON CAA AP	6							.11	.09	.66	.11	.01	.01	.93	*	*	*	*	*	*	*	*	*	*	*	.55	
ASHLAND	//												.36	.16	.03											.49	
ATMORE STATE FARM														.26	.26	.19	.01	.03								.60	
AUBURN SCS 10													.45	.15												1.73	
BELGREEN					.05	.13	.57	.78	.20																		

See reference notes following Station Index.

HOURLY PRECIPITATION

ALABAMA
NOVEMBER 1950

Station	A. M. Hour ending												P. M. Hour ending												Total
	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	
RRY									.30	.15															.45
KAR 2 SE					.26	.47	.77	.20																	1.72
RMINGHAM WB AP									.08	.19	.15	.01													.43
AZ								.01	.38	.14	.03														.56
MPRELL															.04	.20									.24
DEVILLE NO 2												.46	.09	.02											.57
TRAN CAA AIRPORT																.14	.07	.05							.26
TAW LOCK NO 7										.15	.21														.36
ERGREEN CAA AP	6												.03						.53						.86
AT ROCK										.28	.50	.08													.41
RT MORGAN	//																.15	.22	.03	.01					.51
RT PAYNE								.08	.28	.14	.01														1.04
RDEN CITY									.82	.22															.38
ENVILLE NO 2													.21	.16	.01										
NTERSVILLE CITY W WKS																									1.46
LEVILLE					.01	.07	.07	1.20	.11																
NTSVILLE WB AP	6							.04																	
CKSON LOCK 1													.24	.03	.03										.30
CKSONVILLE									.01	.81	.20	.05													1.07
Y DAM										.02	.59	.12	.01					.01							.75
GNOLIA										.01	.01	.36	.01	.01											.40
RION 1 SSE										.02	.43	.01													.46
DWAY															.35	.07									.42
BILE WB AIRPORT	6																		.51						.38
BILE WB CITY													.21	.81	.33	.05									.86
NTGOMERY WB AP															.02										1.31
ULTON					.07	.52	.53	.17	.02																
SCLE SHOALS CAA AP	6																								
W BROCKTON					.03	.01							.30		.26	.15	.03	.01							.43
INT ROCK							.01	.23	.71	.23															1.18
TERMAN													.28	.03											.31
EASANT HILL													.48												.48
VER ELLS 2 SE													.11	.27	.17	.03									.58
ORSBY 1 SE												.35	.12												.79
NEY					.11	.07	.08	.15	.38	.02	.35	.12													.81
AFFORD									.37	.47	.01														.85
YOY													.08	.29	.05	.02									.44
SCALOOSA CAA AP	6												.55												
IVERSITY									.37	.18		.04													
RNON									.36	.42															.78
DOWS CREEK STM PL						.03	.24	.70	.04																1.01
-21st-																									
DEVILLE NO 2									.02																
RT MORGAN	//																								
-23d-																									
LOREFN																									
AT ROCK																									
RNON																									
-24th-																									
ODISON																									
INISTON CAA AP	6														.06										
ELANE	//								.01	.01	.02														.04
IGREEN								.19																	.19
REFY													.01	.06	.03	.02	.01								.13
KAR 2 SE																									
RMINGHAM WB AP									.03	.08	.01														
AZ										.14															.10
TAW LOCK NO 7									.02	.04															.14
AT ROCK								.20																	.06
RT PAYNE												.04	.02												.20
RDEN CITY					.01	.01	.11	.01	.03																.06
NTERSVILLE CITY W WKS								.58																	.18
LEVILLE																									.58
CKSONVILLE																									
DWAY								.01	.04	.07															.12
NTGOMERY WB AP										.01	.01	.01													.03
ULTON								.10																	.01
SCLE SHOALS CAA AP	6							.02																	.10
INT ROCK								.04	.06																
NEY			.10	.17	.03																				.10
AFFORD																									.30
SCALOOSA CAA AP	6												.07												
RNON								.18																	.10
DOWS CREEK STM PL					.08	.02	.11																		.21
-27th-																									
DEVILLE NO 2																									
-28th-																									
RT MORGAN	//																								
-30th-																									
BURN SCS 10										.03															.03
RMINGHAM WB AP																			.01						.01
IVERSITY																									

DAILY TEMPERATURES

ALABAMA
NOVEMBER 1950

Table 5

Station	Day of month																															Average
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
ALBERTVILLE 1 S	MAX MIN	82 56	81 56	81 56	60 38	45 32				72 36	73 29	59		55 24	60 26	63 36	68 46	66 38	54 27	63 28	67 58	65 26	50 26	52 34	65 20	22 0	21 0	38 52	42 27	35 40	46 20	57.1 32.4
ALEXANDER CTY 6 NE	MAX MIN	84 51	80 53	73 52	64 40	59 30	68 27	71 30	75 33	77 52	73 41	50 36	61 20	64 24	63 24	72 33	69 41	64 35	63 43	72 50	67 27	61 26	71 28	65 23	57 19	27 4	49 18	52 22	47 18	53 16	54 20	63.7 31.9
ANDALUSIA	MAX MIN	87 59	87 57	84 78	74 45	53 34	57 42	71 42	74 46	80 57	82 46	48 38	47 30	60 35	66 39	68 46	77 50	80 48	68 34	68 33	77 52	82 31	64 33	66 43	73 16	45 20	34 25	55 29	57 29	53 29	57 34	66.5 39.6
ANNISTON CAA AP	MAX MIN	83 53	81 55	70 48	49 38	54 32	68 30	72 34	75 38	78 46	47 37	48 24	59 21	63 28	73 32	68 43	61 50	63 31	68 26	72 45	54 34	57 28	69 32	47 13	25 5	48 19	49 22	49 20	43 18	51 21	50 21	60.3 31.8
ATHORE STATE FARM	MAX MIN	86 59	83 56	78 59	66 58	58 32	72 44	76 41	80 48	81 59	72 41	47 39	52 29	66 31	70 40	80 47	76 55	76 46	71 35	80 40	78 64	68 33	74 41	70 31	38 17	55 25	58 32	57 28	58 26	76 44	69.0 40.5	
AUBURN	MAX MIN	84 56	84 58	80 53	70 42	49 33	54 49	68 72	75 36	78 38	78 44	49 36	42 29	58 32	63 33	63 22	72 50	75 43	63 34	65 40	70 48	75 40	56 30	62 34	70 40	40 9	26 5	50 21	52 21	46 25	52 25	62.1 35.4
BAY MINETTE	MAX MIN	86 60	83 58	80 61	64 42	59 33	72 36	75 44	80 50	82 60	69 41	46 39	51 30	64 34	71 41	80 49	81 58	69 48	70 37	79 51	80 56	60 34	70 35	75 45	54 29	40 19	57 24	61 28	58 20	59 28	77 48	68.7 41.5
BELLE MINA 2 N	MAX MIN	84 58	75 54	62 45	54 35	62 30	73 35	74 50	72 40	40 32	45 24	55 22	62 21	64 26	64 39	71 48	65 34	58 32	64 34	69 42	62 50	55 33	65 26	58 14	20 0	38 18	45 25	44 18	45 18	60 24	58.9 31.7	
BIRMINGHAM WB AP	MAX MIN	83 57	80 56	64 44	46 37	55 33	67 34	72 38	76 53	78 43	46 27	48 23	58 31	63 33	65 48	73 39	67 49	60 32	64 30	69 51	68 35	54 27	62 37	70 15	51 5	25 23	48 25	50 20	44 20	49 26	53 26	60.3 34.1
BIRMINGHAM WB CITY	MAX MIN	86 61	80 61	73 58	60 40	58 32	70 41	74 48	76 53	76 51	60 37	58 32	62 26	65 36	66 39	73 48	68 59	63 40	64 34	69 52	67 49	58 27	61 39	70 43	62 21	25 5	50 21	53 28	47 25	52 24	53 35	63.1 38.8
BREWTON 3 SSE	MAX MIN	86 50	83 53	79 51	68 46	59 29	72 33	75 37	80 48	82 44	75 40	47 24	62 27	67 24	68 29	80 37	81 46	73 39	71 24	80 48	82 54	62 28	68 75	63 39	39 32	57 18	59 20	58 20	58 19	78 33	69.6 34.4	
CAMDEN	MAX MIN	85 58	82 60	72 59	68 43	59 32	70 33	74 39	79 48	82 59	68 45	50 38	62 28	64 32	67 42	78 53	72 44	70 30	69 49	80 53	76 30	56 41	67 27	74 13	65 27	33 6	54 6	57 20	52 21	55 26	76 23	67.2 32.3
CAMP HILL 2 NW	MAX MIN	85 54	84 53	80 52		52 46	54 31	67 29	72 33	80 34	78 37	50 44	48 36	59 25	62 28	66 31	72 43	72 42	63 30	65 42	75 45	64 27	67 29	70 35	40 6	23 6	50 20	51 21	46 18	51 23	62.7 32.5	
CENTREVILLE	MAX MIN	86 58	87 56	83 58	63 43	66 30	60 35	68 36	76 38	78 58	79 42	52 38	52 27	58 30	60 30	78 36	72 46	62 30	66 40	73 54	76 31	65 32	75 36	74 33	38 14	28 10	44 21	52 22	50 21	52 23	63.6 36.1	
CHATAM	MAX MIN	87 54	83 51	69 55	62 42	61 29	74 36	78 40	80 51	69 41	51 38	20 24	29 29	68 24	71 39	81 57	79 54	69 38	73 26	82 46	77 48	60 29	70 28	75 36	58 18	42 19	56 25	61 19	60 25	79 41	69.1 35.3	
CITRONELLE	MAX MIN	84 64	81 62	72 61	63 44	57 33	71 39	75 49	79 52	80 63	69 41	48 39	59 30	63 36	70 42	78 49	78 58	71 47	70 39	78 52	60 60	68 34	72 47	60 31	41 20	55 33	60 33	58 32	58 48	78 46	67.8 44.0	
CLANTON	MAX MIN	83 55	83 55	80 59	71 42	49 32	53 34	65 35	72 37	74 46	45 36	47 27	55 29	60 30	62 35	70 45	65 42	60 30	61 41	71 54	52 28	63 30	70 31	35 35	27 9	50 22	52 22	45 21	50 23	60.6 34.3		
CORDOVA	MAX MIN	86 53	82 55	79 59	62 40	57 28	70 32	74 34	77 48	76 52	53 38	49 31	57 19	63 23	66 36	77 54	70 46	64 24	66 52	72 48	69 25	63 30	71 20	60 6	26 20	46 20	51 17	48 20	51 17	53 23	63.1 33.8	
DAYTON	MAX MIN	85 59	82 59	74 60	62 42	58 31	70 31	74 42	79 49	79 61	49 40	58 37	64 25	67 30	72 38	68 43	66 58	79 40	76 30	55 49	67 53	72 29	67 42	31 26	53 13	55 20	50 28	53 26	75 24	76 39	66.3 38.5	
DECATUR	MAX MIN	84 58	80 58	64 58	50 49	55 33	70 40	72 45	74 57	69 43	54 35	44 28	58 29	62 33	65 48	72 48	68 39	57 33	69 52	66 46	49 28	58 35	67 18	57 3	21 18	40 29	45 26	44 26	52 24	52 30	58.7 36.4	
DO THAN CAA AIRPORT	MAX MIN	88 56	86 57	81 54	54 41	57 34	70 31	75 38	80 40	84 53	64 44	50 42	56 35	66 35	69 45	78 50	83 44	68 42	67 32	77 44	83 44	58 33	68 32	74 39	51 22	32 17	55 20	56 28	54 26	76 32	67.2 37.7	
EUFULA	MAX MIN															79	79	73	71	72	75	61		72	64	40	55	58	53	57	65.2	
EVERGREEN CAA AP	MAX MIN	86 51	82 50	78 48	52 36	58 31	71 29	74 35	83 39	82 48	52 42	47 31	61 26	66 27	72 30	79 37	79 46	69 33	71 26	79 40	59 38	67 28	74 30	47 20	36 15	55 16	58 21	56 19	58 21	78 38	67.0 32.9	
FAIRHOPE	MAX MIN	84 59	82 52	82 49	54 39	60 32	70 35	74 44	80 51	62 55	49 39	63 38	65 31	70 43	75 50	80 56	70 45	71 38	79 55	79 45	62 37	74 31	52 45	42 26	21 10	57 30	61 37	60 32	55 40	74 47	68.0 41.1	
FAYETTE	MAX MIN	85 52	84 50	80 55	60 40	46 29	56 32	69 35	72 40	75 54	70 32	49 28	48 20	56 24	62 27	66 31	66 46	59 37	63 28	74 32	69 26	55 29	62 22	69 6	27 8	47 26	47 19	51 26	45 19	50 22	60.5 31.7	
FORT MORGAN	MAX MIN	83 67	81 65	79 57	58 47	57 43	71 44	74 44	78 69	80 57	72 43	50 43	63 29	69 43	73 56	79 55	72 47	75 55	76 48	68 51	58 48	68 30	69 37	44 26	49 20	58 42	58 42	58 37	71 59	67.5 48.8		
FRISCO CITY	MAX MIN	87 57	86 56	82 57	77 43	49 30	61 32	73 40	75 40	79 54	81 41	45 38	49 26	61 32	67 40	80 46	80 51	68 44	70 35	79 35	79 40	60 32	70 34	75 36	35 15	37 18	56 28	58 26	57 27	59 35	66.8 37.5	
GADSDEN	MAX MIN	84 52	83 50	80 54	68 41	46 34	55 28	68 31	75 38	74 49	78 39	47 32	49 22	56 22	62 26	65 32	72 43	66 37	60 22	67 53	74 24	67 28	54 27	64 26	58 4	28 7	31 24	45 16	47 16	49 19	59.8 30.7	
GENEVA	MAX MIN	86 55	85 55	85 56	83 47	80 34	58 31	71 34	75																							

DAILY TEMPERATURES

ALABAMA
NOVEMBER 1950

Station	Day of month																															Average
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
WELL FIELD	MAX MIN	84 63	83 63	76 62	50 43	56 38	68 35	73 42	78 45	80 56	53 45	50 35	57 30	62 34	64 37	71 43	73 53	63 42	67 36	74 48	77 43	55 33	63 33	68 40	47 21	30 14	51 20	53 30	48 27	51 26	71 34	63.1 38.9
FILE WB AIRPORT	MAX MIN	84 61	81 56	77 53	59 42	71 36	79 47	74 46	80 54	55 41	47 37	60 32	66 33	71 41	78 50	80 56	68 42	70 39	78 56	80 46	60 37	69 37	73 45	51 25	43 22	56 29	61 32	60 29	57 32	75 47	67.2 41.0	
FILE WB CITY	MAX MIN	85 65	79 65	78 50	54 42	60 36	68 39	72 47	75 53	78 54	53 42	47 39	59 34	63 35	70 42	78 54	79 60	67 48	70 40	73 46	79 60	58 36	68 46	73 46	56 29	43 22	57 32	61 36	60 38	57 35	75 51	66.5 43.9
GTOMERY WB AP	MAX MIN	85 63	83 60	77 50	51 40	56 34	69 32	74 37	77 40	80 53	55 43	50 33	60 26	63 31	65 32	71 41	76 48	65 38	67 29	76 43	78 41	56 31	65 30	72 36	49 20	30 13	53 19	54 31	50 24	53 24	74 31	64.5 35.5
GTOMERY WB CITY	MAX MIN	85 61	82 63	75 57	57 41	56 36	69 38	72 44	76 47	80 55	49 36	58 31	63 35	64 38	70 54	74 54	64 37	67 46	74 44	77 44	57 33	63 35	72 40	52 28	30 12	52 19	54 31	52 31	53 28	72 38	64.1 39.8	
GLE SHOALS CAA AP	MAX MIN	81 58	76 52	52 40	43 36	53 32	69 40	71 47	73 59	64 39	43 32	44 25	53 25	59 26	64 32	70 45	71 47	55 35	57 34	69 53	69 32	52 27	58 41	66 34	23 8	42 2	45 23	41 24	46 23	59 27	56.7 34.2	
ARK	MAX MIN	88 69	85 58	80 57	67 44	57 33	70 35	75 41	78 44	82 53	51 40	56 32	67 37	69 39	75 47	80 54	68 35	70 42	75 41	75 41	61 32	67 34	33 30	56 14	56 20	53 28	56 30	56 26	77 35	68.0 39.7		
L CITY	MAX MIN	84 52	85 33	81 52	68 41	68 32	54 31	68 32	67 33	75 34	75 31	56 25	56 28	55 30	55 30	70 30	71 38	61 31	66 45	64 30	66 28	58 27	62 30	27 5	30 8	48 27	48 24	46 23	50 23	60.1 31.5		
TTVILLE	MAX MIN	85 55	83 57	75 56	66 44	57 33	68 32	73 35	77 39	80 51	66 44	50 38	58 27	63 30	63 31	70 39	73 47	62 42	65 32	74 44	75 50	55 32	63 30	70 34	50 28	50 13	54 18	47 24	70 23	71 23	64.1 36.0	
GHMATAHA	MAX MIN	87 59	87 59	82 59	63 43	60 31	60 33	70 38	75 42	79 50	81 53	49 35	47 23	64 26	64 28	69 38	69 41	63 36	68 47	70 29	70 29	69 38	73 26	46 15	36 19	59 25	59 28	51 22	59 22	65.7 36.0		
ERTSDALE 7 E	MAX MIN	83 60	79 60	78 53	66 44	58 35	70 34	72 40	77 50	79 53	72 44	49 31	61 32	64 31	70 40	74 50	78 55	68 51	77 35	78 51	63 34	68 43	72 33	65 20	40 27	57 33	60 30	59 26	74 45	68.0 41.2		
N MILLS	MAX MIN	80 50	80 53	75 50	68 42	57 34	68 28	72 31	74 32	78 53	75 45	50 37	60 23	64 24	64 23	72 32	72 50	65 42	64 24	70 48	70 52	57 27	54 30	63 38	28 6	54 19	40 26	49 16	51 17	53 20	63.8 33.2	
NT LERNARD	MAX MIN	86 50	84 49	80 50	60 38	42 32	66 31	70 32	70 35	70 50	45 35	45 27	56 23	63 23	66 25	70 38	66 48	55 29	60 29	67 51	67 25	53 25	57 28	57 17	25 3	25 17	25 17	43 20	45 18	50 18	58.2 29.7	
D MT STATE FARM AP	MAX MIN	81 55	78 56	67 57	55 37	67 35	70 40	71 48	74 48	55 44	44 34	55 28	63 27	63 27	69 44	67 52	61 48	57 26	64 42	63 42	50 23	55 33	54 33	17 1	39 13	41 26	35 18	44 12	55 27	57.3 33.8		
TTSBORO	MAX MIN	83 51	79 51	65 57	58 39	55 32	69 31	72 35	73 47	50 42	49 37	56 27	62 21	64 26	71 29	68 41	58 52	59 37	66 28	66 42	49 23	53 30	65 26	45 18	19 1	36 14	39 25	38 17	48 12	56 21	58.3 32.0	
MA	MAX MIN	89 57	85 58	77 60	66 45	60 35	73 33	78 38	81 43	83 56	71 42	54 26	64 31	68 34	70 34	78 45	71 53	69 40	73 47	80 55	68 47	75 32	60 31	68 37	77 40	66 13	62 20	57 27	55 26	75 33	69.1 38.5	
LADEGA	MAX MIN	86 54	81 56	71 56	59 40	56 32	69 30	74 33	75 41	79 59	66 40	51 31	59 21	65 27	66 28	74 35	66 50	62 44	63 45	69 52	69 47	55 25	62 47	71 36	50 47	27 26	49 14	52 24	51 31	62.5 33.6		
MASVILLE	MAX MIN	85 62	81 59	73 51	62 38	59 30	70 38	74 49	79 51	78 49	50 39	48 37	58 28	63 33	69 38	74 46	74 60	65 44	69 35	78 52	74 47	56 31	67 36	74 47	63 26	35 14	53 24	56 31	53 28	76 40	65.9 39.7	
Y	MAX MIN	85 61	85 60	83 60	75 57	75 42	50 34	69 49	73 57	79 45	49 38	45 29	62 34	64 34	65 40	74 51	76 54	65 46	67 33	74 50	67 41	65 30	67 40	71 40	42 12	37 15	51 30	54 29	50 25	53 30	64.7 38.9	
CALOOSA CAA AP	MAX MIN	86 53	81 51	65 45	58 39	59 29	71 32	74 35	78 41	79 53	51 41	50 27	59 26	64 29	70 31	77 44	68 49	60 35	68 29	76 53	69 38	57 29	66 32	73 20	79 10	29 19	52 19	55 21	49 21	54 21	64.2 33.4	
KEGEE	MAX MIN	85 57	87 62	85 56	72 44	49 33	56 32	70 38	74 39	81 51	50 46	46 38	60 29	64 32	65 35	72 43	77 51	67 45	67 31	73 43	80 50	57 31	67 35	73 41	42 12	28 12	51 26	55 26	48 24	52 29	64.3 37.4	
ON SPRINGS	MAX MIN	87 59	83 61	74 58	69 43	57 33	70 35	74 40	76 43	81 55	68 46	48 37	65 27	66 35	71 38	75 47	68 56	66 46	74 32	81 43	59 49	67 29	74 32	64 39	30 21	53 15	55 21	51 30	54 25	74 30	66.3 38.3	
VERSITY	MAX MIN	85 56	80 56	63 42	43 35	53 30	68 33	72 38	76 52	79 40	47 37	46 28	56 23	63 28	65 34	73 47	66 53	58 33	63 50	72 36	67 27	54 31	63 29	72 16	46 6	24 16	48 25	52 22	45 22	50 28	60.2 33.2	
LEY HEAD	MAX MIN	80 54	78 54	74 50	60 38	52 29	67 29	71 33	71 53	74 53	62 35	44 27	54 19	62 23	61 27	63 27	68 40	62 52	58 37	62 21	62 40	60 41	66 22	58 22	55 14	20 2	34 6	37 16	35 24	41 18	52 20	58.1 30.7
UMPEA	MAX MIN	85 57	82 59	75 59	67 45	57 34	67 22	72 39	77 41	81 52	65 45	50 40	60 28	64 34	64 36	73 43	75 52	65 43	65 30	73 43	77 48	56 32	65 32	70 36	49 28	30 12	52 19	55 29	49 26	68 29	64.6 27.7	

EVAPORATION AND WIND

Station	Day of month																															Total Evap Avg
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
BURN	EVAP WIND	13 12	11 20	17 23	08 75	06 72	08 15	11 21	12 8	13 74	12 11	07 68	04 34	04 21	08 13	14 42	06 40	09 48	12 58	14 75	10 75	10 62	10 38	08 25	08 28	- 74	- 99	68 59	59 24	- 22	82.96 1214	
AIRHOPE	EVAP WIND	11 6	12 21	15 15	14 118	10 48	07 20	08 8	08 20	09 7	10 51	07 62	07 13	08 18	03 16	05 3	04 5	09 34	07 11	06 8	06 31	12 36	08 9	05 6	07 50	08 80	07 60	08 44	09 34	07 7	06 28	2.53 86.5

STATION INDEX

Station	Index No.	County	Drainage	Latitude	Longitude	Elevation	Observer	Refer to tables	Station	Index No.	County	Drainage	Latitude	Longitude	Elevation	Observer	Refer to tables	
ABBEVILLE	0008	HENRY	4	31 34 05	15	455	MID J. P. MITCHELL	3 4	MADISON	4976	MADISON	13 34 42 06	45	573	7A	ROBERT E. TOLUE	2 3	
ADDISON	0063	WINSTON	2	34 13 07	19	1500	MID PALMER GOSNEY	3 4	MAGNOLIA	4996	JEFFERSON	3 33 30 06	51	654	4A	ALABAMA POWER CO.	3	
ADDISON CENTRAL TOWER	0071	LAWRENCE	2	34 25 07	19	1500	7A U.S. FOREST SERVICE	3 4	MAGNOLIA	5004	MARENGO	3 32 08 07	39	185	8A	DR. T. H. GALLARD	2 4	
ADLER	0140	WILCOX	1	31 30 18	55	175	8A SHERIDAN J. BARRY, SR.	3 4	MARTIN JUNCTION	5108	PERKINS	3 32 17 07	18	303	8A	STYON HOLLYFIELD	3	
ADLERVILLE 1 S	0148	MARSHALL	12	34 16 06	13	1114	6A JESSE M. CULP	2 3 5	MARTIN JUNCTION 2 NE	5116	DALLAS	3 32 26 07	14	204	6P	MRS. WANGARTZ INST.	3	
ADLERVILLE CITY & NW	0148	TALLAPOOSA	11	32 59 05	52	660	SP P. E. BLACKBURN	3 4	MARTIN JUNCTION 2 NE	5121	DALLAS	3 32 28 07	13	206	6P	OP ALA. POLY. INST.	2 3	
ADLERVILLE	0178	JEFFERSON	1	31 30 08	55	101	7A J. B. BLACKBURN	3 4	MARTIN JUNCTION 2 NE	5140	TALLAPOOSA	3 32 40 05	55	140	3	8A	ALABAMA POWER CO.	3
ADLERVILLE	0252	COVINGTON	6	31 19 06	30	349	8A W. M. GARRETT	2 3 5	MARTIN JUNCTION 2 NE	5202	MONTGOMERY	3 32 25 05	25	165	MID	U.S. ARMY AIR FORCES	2 3	
ADLERVILLE C&A AIRPORT	0272	CALHOUN	7	31 35 05	51	599	MID CIVIL AERO ADM.	2 4 5	MARTIN JUNCTION 2 NE	5534	CHOCOTTA	3 32 16 08	27	340	7A	JOHN R. LAND	3	
ADLEY	0338	WINSTON	2	34 04 07	13	234	7A MRS. LESSIE BILLER	3 4	MARTIN JUNCTION 2 NE	5582	BISS	3 32 33 07	20	600	8A	FORST SERVICE	3	
ADLER	0369	CLAY	11	33 16 05	50	455	MID HENRY L. MC QUEEN	3 4	MIDWAY	5597	BULLOCK	3 32 04 05	33	490	MID	WATER W. BALL	3 4	
ADLERVILLE	0377	ST. CLAIR	7	33 50 06	16	880	7A NORMAN R. PRICKE	3 4	MIDWAY	5611	WILCOX	3 32 06 07	22	78	8A	NORMAN D. WILLIAMS	3	
ADLERVILLE	0390	LINCOLN	12	34 48 06	59	709	7A TWA-62	3 4	MIDWAY	5630	MADISON	3 32 27 05	54	208	8A	T. C. CARR	3	
ADLERVILLE	0402	ESCAMBIA	1	31 32 06	30	732	8A MRS. MARTHA I. MOORE	2 3 5	MIDWAY	5650	CHILTON	3 32 06 07	27	350	8A	CLARKMAN POWER CO.	3	
ADLERVILLE	0424	LEE	11	32 36 05	29	463	MID SOIL CONS SERVICE	3 4	MIDWAY	5678	MOBILE	3 30 41 08	15	212	MID	U.S. WEATHER BUREAU	2 3 4	
ADLERVILLE	0440	ADAMS	11	32 36 05	29	463	MID J. B. NEIGHBORS	3 4	MIDWAY	5683	MOBILE	3 30 42 08	02	10	MID	U.S. WEATHER BUREAU	2 3 4	
ADLERVILLE	0446	CALHOUN	12	34 47 07	52	463	7A TWA-62	3 4	MIDWAY	5688	MOBILE	3 30 42 08	02	10	MID	U.S. WEATHER BUREAU	2 3 4	
ADLERVILLE	0453	BALDWIN	9	30 33 07	47	268	7P GROVER W. WOODWARD	2 3 5	MIDWAY	5690	MOBILE	3 30 42 08	02	10	MID	U.S. WEATHER BUREAU	2 3 4	
ADLERVILLE	0461	MOBILE	1	31 44 07	13	236	7A W. P. DUM	3 4	MIDWAY	5695	MONTGOMERY	3 32 18 06	24	188	MID	U.S. WEATHER BUREAU	2 3 4	
ADLERVILLE	0501	FRANKLIN	12	34 28 07	52	450	MID TWA-43	3 4	MIDWAY	5695	MONTGOMERY	3 32 18 06	24	188	MID	U.S. WEATHER BUREAU	2 3 4	
ADLERVILLE	0505	LINCOLN	12	34 48 06	59	709	4P ALA. POLY. INST.	2 3 5	MIDWAY	5695	MONTGOMERY	3 32 18 06	24	188	MID	U.S. WEATHER BUREAU	2 3 4	
ADLERVILLE	0507	ADAMS	11	32 36 05	29	463	7A TWA-62	3 4	MIDWAY	5695	MONTGOMERY	3 32 18 06	24	188	MID	U.S. WEATHER BUREAU	2 3 4	
ADLERVILLE	0507	ADAMS	11	32 36 05	29	463	7A TWA-62	3 4	MIDWAY	5695	MONTGOMERY	3 32 18 06	24	188	MID	U.S. WEATHER BUREAU	2 3 4	
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ADLERVILLE	0																	

U. S. DEPARTMENT OF COMMERCE

CHARLES SAWYER, Secretary

WEATHER BUREAU

F. W. REICHELDERFER, Chief

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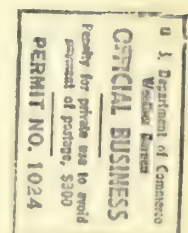
DECEMBER 1950

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A. R. Long, Section Director - Montgomery

WEATHER SUMMARY

The month was 5.3° colder than usual with more than the usual number of frosty mornings. No unusual extremes of temperature occurred, however. Rainfall was rather light over considerable areas of the north, but fairly heavy in a few counties in the southwest, so that the statewide average was 1.20 inches less than normal.

The first two or three days were warm. There then followed nearly three weeks of mostly cold weather, climaxed by the coldest spell of the month, when statewide freezes occurred on three successive mornings from the 18th to the 20th. After four general rains between the 2nd and the 16th, there was a period of mostly fair weather, which continued through the 26th.

The temperature trend was upward from the 19th to the 26th and it was quite mild at the end of this period. The last five days were moderately cold, and there was a spell of frequent light to heavy rains from the 27th to the 30th.

The past two months have been very hard on fall planted winter grain and cover crops, and garden stuff, and practically no recovery has been made by these crops since the severe November freeze. It has been necessary to feed cattle heavily throughout much of November and all of December. Little field work was done other than the preparation of land for planting Irish potatoes in the Baldwin-Escambia area.

At Semmes, in Mobile County, on the 3rd, at 5:30 a. m., a thundersquall pushed two houses from the foundations and destroyed a barn, with damage probably about \$3,000. High wind for several hours in Montgomery County on the morning of the 6th damaged roofs and trees to the extent of about \$1,000. High winds were reported also in Chilton County at the same time, but no damage was mentioned. --- FCP

ACKNOWLEDGMENTS

In addition to the climatological data from some 6,000 Weather Bureau and cooperative weather stations, this bulletin series contains records from Hydroclimatic Network Stations which were formerly reproduced in the Hydrologic Bulletin Series. The Hydroclimatic Network is a nationwide net of rain gages--mostly of the recording type which produce continuous records of precipitation. It was established in 1939 at the request of the Corps of Engineers, Department of the Army, to supplement existing precipitation stations in order to provide records of rainfall intensity which were essential to the planning of flood control and related works by the Corps of Engineers. This Network, now numbering about 2,000 recording, and 1,000 non-recording rain gages, has been maintained by the Weather Bureau through working funds transferred annually to the Weather Bureau by the Corps of Engineers. These transfers averaged about \$250,000 per year between 1940 and 1944, and nearly \$375,000 since that date. For the years 1940-42, the Department of Agriculture transferred about \$100,000 per year to provide data required in its work, and since 1947 the Bureau of Reclamation has transferred about \$25,000 per year to meet the increasing needs of their program in the Western States.

Previous to the introduction of this bulletin series, data from Hydroclimatic Network stations were presented in bulletins (Hydrologic Bulletins) which were issued monthly for each of 8 drainage areas embracing the entire United States, but since the Network was established to meet the internal requirements of the Federal agencies referred to above, no provision was made for public dissemination of the data, distribution being limited to cooperating agencies and to certain public repositories. A list of locations where reference copies of the Hydrologic Bulletin Series are available for inspection may be obtained upon application to Chief, U.S. Weather Bureau, Washington 25, D.C.

Many other records published in this bulletin have been made available through the cooperation of various public offices, private agencies, and individuals as listed in the Station Index.

SUPPLEMENTAL DATA

ALABAMA
DECEMBER 1950

Station	Wind direction		Wind speed				Relative humidity averages				Number of days with precipitation								Percent of possible sunshine	Average sky cover sunrise to sunset	Degree days 65° base
	Prevailing	Percent of time from prevailing	Average	Fastest mile	Direction of fastest mile	Date of fastest mile	12-20 a CST	6-30 a CST	12-30 p CST	6-30 p CST	Trace	01-09	10-49	50-99	100-199	200 and over	Total				
BIRMINGHAM WB AP	NNW	12	6.3	33	NW	3	83	86	63	73	8	5	2	1	0	1	17	31	7.5	See Table 2	
BILE WB CITY	N†	17†	10.5†	42	NW	3	85†	88†	63†	77†	5	5	3	1	3	0	17	35	6.6	"	
MONTGOMERY WB CITY	NW†	11†	6.4†	43†	E†	6†	84†	88†	60†	71†	6	3	4	2	1	0	16	51†	6.8†	"	
AIRPORT DATA																					

COMPARATIVE DATA

Year	Temperature			Precipitation		Year	Temperature			Precipitation		Year	Temperature			Precipitation						
	Average	Highest	Lowest	Average	No. of days .01 or more		Average	Highest	Lowest	Average	No. of days .01 or more		Average	Highest	Lowest	Average	No. of days .01 or more					
1884	47.9	80	6	5.09	10	1909	41.3	82	6	5.27	9	1934	46.7	80	10	3.41	9					
1885	44.2	74	12	3.36	6	1910	42.9	75	10	3.51	7	1935	41.2	78	7	4.24	6					
1886	43.8	76	0	3.07	7	1911	50.5	82	14	7.65	11	1936	50.3	80	18	7.09	11					
1887	45.7	73	10	8.65	12	1912	47.7	82	14	6.52	12	1937	47.0	76	4	2.72	8					
1888	46.1	71	13	2.84	6	1913	47.9	84	15	3.35	8	1938	47.8	79	14	2.64	8					
1889	58.5	82	20	1.04	3	1914	43.5	80	0	5.08	10	1939	49.7	85	15	3.29	7					
1890	49.8	80	17	2.33	5	1915	46.8	79	14	6.21	9	1940	52.0	80	18	6.30	12					
1891	49.7	86	12	4.91	8	1916	47.7	81	12	4.42	10	1941	50.4	81	19	7.32	8					
1892	47.2	78	8	4.55	9	1917	40.4	79	4	1.75	6	1942	49.5	82	15	8.12	11					
1893	49.9	86	14	3.26	6	1918	50.6	82	16	5.92	7	1943	47.3	83	9	3.50	8					
1894	48.9	81	0	4.67	9	1919	47.6	81	12	7.30	7	1944	46.5	78	12	3.76	9					
1895	46.0	86	8	3.79	6	1920	45.4	76	15	7.81	10	1945	42.1	77	6	6.50	12					
1896	46.6	83	12	1.67	4	1921	51.5	82	21	3.43	7	1946	52.1	84	20	2.74	6					
1897	48.2	82	19	5.76	10	1922	54.5	84	20	7.41	12	1947	49.1	80	17	4.77	9					
1898	44.5	78	8	3.57	6	1923	54.7	83	22	5.40	11	1948	51.2	82	12	4.53						
1899	43.3	79	12	5.79	9	1924	48.6	87	11	7.11	10	1949	49.9	82	15	4.01						
1900	47.2	76	20	4.82	8	1925	45.2	81	3	3.61	7	1950	42.3	82	7	4.06						
1901	42.1	78	0	7.81	10	1926	52.0	87	15	5.92	10	Period	47.6			5.26						
1902	45.7	78	8	5.79	8	1927	47.1	82	10	8.20	10											
1903	41.2	71	11	3.04	6	1928	46.7	78	15	2.16	5											
1904	47.1	83	15	4.33	8	1929	45.6	81	-4	3.72	7											
1905	44.1	75	14	6.57	10	1930	43.8	75	18	2.84	8											
1906	50.7	83	10	4.11	8	1931	55.8	83	25	8.93	14											
1907	46.6	77	12	6.27	10	1932	50.6	80	12	8.86	15											
1908	51.0	84	18	4.77	8	1933	56.6	85	15	3.22	7											

CLIMATOLOGICAL DATA

ALABAMA
DECEMBER 1950

Table 2

Station	Temperature								Precipitation										
	Average	Departure from normal	Highest	Date	Lowest	Date	Degree days	No. of days		Total	Departure from normal	Greatest day	Date	Snow, Sleet, Hail			No. of days		
								Max 90° or above	Min 32° or below					Total	Max depth on ground at obsn.	Date	.01 or more	.25 or more	1.00 or more
NORTHERN DIVISION																			
ALBERTVILLE 1 S	36.3M	- 8.0	66	2	14	19		0	25	4.02	- 1.34	2.57	4	T	0		6	4	1
ANNISTON CAA AP	39.2		73	1	13	19	794	0	23	2.35	- 2.71	.64	28	T	0	10+	9	3	0
BELLE MINA 2 N	38.7		70	1+	14	19	809	0	23	1.70		.50	3	T	0		4	3	0
BIRMINGHAM WB AP	39.9	- 4.2	74	1	16	19	772	0	21	3.02	- 1.22	2.58	3	T	0	10	9	3	1
BIRMINGHAM WB CITY	43.0	- 3.4	74	1	18	18	674	0	15	3.46	- 1.68	1.80	3	T	0		11	3	1
CORDOVA	41.7	- 3.3	70	1	17	18	716	0	16	4.09	- 1.48	1.60	3	.0	0		6	5	1
DECATUR	39.4	- 6.1	70	1+	17	18	789	0	19	2.11	- 2.93	.58	7	T	0		7	4	0
FAYETTE	38.5		74	2	15	19		0	24	2.06	- 2.11	.90	6	.0	0		9	5	0
GADSDEN	37.8	- 6.7	72	2	12	19		0	26	2.08	- 2.72	.98	7	.0	0		10	5	0
GOODWATER	39.8	- 6.5	73	2	16	19		0	24	4.29	- 1.10	1.40	29	.0	0		10	6	1
HALEYVILLE	39.5		71	1	14	18	787	0	20	2.49		.04	6	.0	0			5	0
HUNTSVILLE WB AWY	37.6		68	2	13	19	840	0	21	1.86	- 3.55	.02	3	T	0		10	2	0
MADISON	38.1	- 5.3	69	2	15	18+		0	21	2.17	- 3.19	.68	7	.0	0		6	4	0
MUSCLE SHOALS CAA AP	38.1	- 4.9	71	1	16	18+	828	0	22	3.17	- 1.97	1.14	3	T	0	11	9	4	2
ONEONTA	38.1	- 5.2	72	2	12	19		0	24	3.68	- 1.94	2.04	4	.0	0		6	3	1
PELL CITY	39.9		72	3	17	19		0	20					.0	0				
ROCK MILLS	41.3		72	1	14	19	730	0	20	4.35	- 1.00	1.60	7	.0	0		10	4	2
SAINT BERNARD	37.1	- 6.9	73	3	14	19+		0	26	3.22	- 2.31	1.40	3	T	0		7	5	1
SAND MT STATE FARM AP	38.3		72	1	14	18	821	0	23	4.18		2.46	3	T	0		8	5	1
SCOTTSBORO	37.7	- 5.8	68	2	12	19	840	0	22	3.38	- 2.09	2.05	3	.0	0		7	2	1
TALLADEGA	41.2	- 5.1	74	1	14	19	729	0	19	2.41	- 2.89	.84	28	T	0		7	3	0
TUSCALOOSA CAA AP	40.8M	- 5.6	76	1	17	19	743	0	20	3.14	- 2.65	1.07	3	T	0		11	3	1
UNIVERSITY	40.3	- 6.1	73	1	19	18+	762	0	21	2.51	- 3.28	.82	3	.0	0		8	4	0
VALLEY HEAD	37.0	- 5.5	67	1	7	19	863	0	25	2.90	- 2.27	1.40	4	.0	0		4	3	1
DIVISION	39.1									3.09				T					
MIDDLE DIVISION																			
ALEXANDER CITY 6 NE	40.0M		72	1	11	19	784	0	23	4.15		1.70	28	.0	0		9	7	1
AUBURN	41.2	- 7.9	74	2	15	19		0	20	4.41	- 1.19	1.65	29	.0	0		11	7	
CAMDEN	45.0		78	1	22	19	616	0	13	6.02		2.12	14	.0	0		10	5	3
CAMP HILL 2 NW	40.2		77	1	14	19		0	23	3.01		1.66	29	.0	0		8	6	1
CENTREVILLE	40.3	- 7.4	76	2	16	19		0	23	3.38	- 2.17	.99	3	.0	0		9	5	0
CLANTON	40.2	- 6.2	73	2	17	19		0	23	4.37	- 1.09	1.53	29	.0	0		10	6	1
DAYTON	43.8		72	1+	19	19	651	0	16	6.31		1.75	28	.0	0		7	4	4
EUFULA	44.5	- 4.6	78	1	18	20	626	0	18	6.49	1.47	1.23	7	.0	0		11	7	1
GREENVILLE	44.2M	- 5.0	77	1	18	19	660	0	13	4.55	- .64	1.11	29	.0	0		10	5	1
HIGHLAND HOME	45.2	- 5.4	77	1	19	19	567	0	12	5.22	- .03	1.57	14	.0	0		11	7	1
LA FAYETTE	42.1		75	1+	18	19	702	0	17	4.18		1.61	28	.0	0		8	5	1
LIVINGSTON	43.6	- 2.7	78	1	18	19	659	0	16	5.78	.37	1.90	6	.0	0		10	5	3
MARION JUNCTION 2 NE	42.9		77	1	17	19	681	0	17	4.88		1.73	28	.0	0		8	5	2
MAXWELL FIELD	43.5		76	1	21	19	659	0	12	4.53		1.90	28	T	0		10	4	1
MONTGOMERY WB AP	43.2		77	1	19	19	670	0	17	4.33		1.68	28	T	0		10	5	1
MONTGOMERY WB CITY	44.3	- 5.1	76	1	24	18+	637	0	9	4.06	- .78	1.62	28	T	0		11	4	2
PRATTVILLE	43.2	- 5.2	75	1	19	19	668	0	15	4.19	- 1.03	1.95	28	.0	0		4	4	2
PUSHMATAHA	43.8M	- 5.2	78	2+	19	18		0	14	5.17	- .80	1.98	29	.0	0		6		
SELMA	46.2	- 3.0	79	1	22	19	576	0	14	4.88	- .40	1.75	29	.0	0		10	6	1
THOMASVILLE	45.4	- 4.0	73	1	21	19	605	0	10	6.06	1.06	1.68	29	.0	0		9	7	2
TROY	44.2	- 7.4	76	2	22	19		0	12	5.32	.47	1.73	29	.0	0		10	7	1
TUSKEGEE	43.4	- 6.1	78	2	20	19		0	19	4.51	- .62	1.36	29	.0	0		12	7	1
UNION SPRINGS	45.0	- 3.9	75	1	20	19	614	0	17	4.99	.02	2.00	29	.0	0		7	7	1
WETUMPKA	43.7	- 5.4	76	1	20	19	655	0	14	4.61	- .82	1.75	29	.0	0		10	6	1
DIVISION	43.3									4.85				T					
SOUTHERN DIVISION																			
ANDALUSIA	46.5		78	2	21	11		0	10	4.61		1.13	29	.0	0		12	6	1
ATMORE STATE FARM	48.2M				22	19	505	0	8	3.98				.0	0		5		
BAY MINETTE	48.9	- 4.6	79	1	24	19	493	0	5	5.95	.68	1.43	3	.0	0		10	5	4
BREWTON 3 SSE	47.2	- 4.4	82	2	19	19	549	0	14	4.14	- .76	1.10	3	.0	0		9	5	1
CHATOM	46.1		79	1	18	19	584	0	14	3.66		1.25	3	.0	0		9	3	2
CITRONELLE	48.7	- 4.6	78	1	25	11	501	0	7	.63	1.99	4.09	6	.0	0		10	4	3
DOHAN CAA AIRPORT	46.3		78	1	20	19	573	0	9	3.98	- .87	1.09	3	.0	0		10	5	2
EVERGREEN CAA AP	44.9	- 6.0	79	1	18	19	614	0	19	3.32	- 1.68	1.32	3	.0	0		14	3	1
FAIRHOPE	49.4	- 5.0	79	1	23	19	481	0	7	4.40	- .59	1.30	6	.0	0		9	4	3
FORT MORGAN	52.4		73	1	31	7	386	0	1	6.03		3.05	3	.0	0		9	4	2
FRISCO CITY	46.0		77	1+	21	19		0	12	3.86	- 1.54	1.10	29	.0	0		10	6	1
GENEVA	46.6		78	1+	20	19		0	13	2.66	- 2.06	1.02	7	.0	0		11	4	1
HEADLAND	47.0		78	1	21	19	553	0	9	4.51		.70	3	.0	0		11	7	0
LOCKHART	47.6		79	2	22	19		0	10	3.96		1.00	3	.0	0		12	5	1
MOBILE WB AIRPORT	48.9		77	1	25	11	492	0	6	7.49		2.36	28	.0	0		15	6	3
MOBILE WB CITY	49.6	- 2.6	71	1	29	11+	473	0	5	5.64	.62	1.62	28	.0	0		12	5	3
OZARK	47.3	- 4.5	78	1	22	19	543	0	10	4.53	- .32	.96	29	.0	0		13	7	0
ROBERTSDALE 7 E	49.7		76	1	23	19	467	0	6	5.60	.32	2.05	3	.0	0		8	4	3
DIVISION	47.9									4.78				.0					
STATE	42.3	- 5.3								4.06	- 1.20			T					

See reference notes following Station Index.

ALABAMA
DECEMBER 1950[illegible]

See reference notes following Station Index.

ALABAMA
DECEMBER 1950

DAILY PRECIPITATION

See reference notes following Station Index

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HOURLY PRECIPITATION

ALABAMA
DECEMBER 1950

Table 4-Continued

Station	A. M. Hour ending												P. M. Hour ending												Total	
	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12		
DEXAR 2 SE	.26	.14	.02	.01	.05																				.48	
BIRMINGHAM WB AP			.01	.07	.18	.04							.01	.11	.01	.02	.02	.04	.01		.05				.57	
CAMPBELL	.27	.15	.10	.09	.07				.05	.03															.76	
DADEVILLE NO 2																									.08	
DOTHAN CAA AIRPORT										.05	.15	.05	.05	.04	.01	.06	.09	.14	.20	.01	.09	.10			1.04	
EUTAW LOCK NO 7	6	.06	.10	.04	.05	.11	.02	.01	*	*		.02	.05	.01	*	*	*	*	.05						.47	
EVERGREEN CAA AP								.06						.13	*	*	*	*	*							
FLAT ROCK		.04	*	*	*	*	*	1.06								.02		.07	.01	.01	.09	.01	.02	.02	.29	
FORT MORGAN	//	*	*	*	*	*	*																		1.06	
GARDEN CITY				.05	.08	.01		.03		.01	.01	.04	.01	.10	.03	.02	.07	.01	.01						.49	
GREENVILLE NO 2			.01					.10	.01	.03	.02		.01	.01			.01	.01	.03	.02					.25	
GUNTERSVILLE CITY W WKS		.02				.04										.07	.01	.04	.02	.06	.08			.02	.36	
HALEYVILLE		.08	.08	.12	.05	.05	.04	.03	.02	.06	.08	.11	.07	.06	.06	.04	.06	.03	.01						1.05	
HUNTSVILLE WB AWY	6	.06	*	*	*	*	*	.09	*	*	*	*	*	.01	*	*	*	*	*	.15	*	*	*	*	1.01	
JACKSON LOCK 1		.21	.30	.22	.09	.09	.07	.01			.01	.01												.05		
JACKSONVILLE																				.02	.02	.01		.37		
MAGNOLIA																								.06		
MARION 1 SSE			.01	.08	.04	.14	.04		.04	.01	.01						.01	.01	.02					.36		
MIDWAY												.02	.09	.05	.01	.02		.01	.07	.06	.05	.04	.01		.45	
MOBILE WB AIRPORT	6	*	*	*	*	*	1.78	*	*	*	*		.02	.09	.06	*	*	.01	.07	.06	.05	.04	.01		1.35	
MOBILE WB CITY			.76	.26	.09	.13	.08				.01	.02					.03	.03	.03	.04				.15		
MONTGOMERY WB AP									.01								.07	.02					.01	.83		
MOULTON		.05	.08	.02	.02	.03	.03	.04	.05	.01	.01	.19	.02	.05	.03	.11	*	*	*							
MUSCLE SHOALS CAA AP	6	.33	*	*	*	*	*	.44	*	*	*	*	.25	*	*	*				.32						
NEW BROCKTON									.08	.11	.10	.01	.02	.01		.01	.26	.09	.01	.10				.01	.81	
PAINT ROCK		.06			.01	.04	.04							.08	.11	.04	.08	.08	.05	.06	.06				.63	
PETERMAN								.01	.05	.13															.19	
RIVER FALLS 2 NE								.15	.16		.01					.01	.03	.01	.01	.07	.02	.01			.48	
THORSBY 1 SW																.03	.02	.05	.03	.03	.02	.03			.21	
TONEY		.01		.05	.03	.02						.01	.08	.03	.09	.01	.05	.03	.09	.11	.01	.07	.02		.71	
TRAFFORD				.02	.13	.05	.09																		.29	
TROY										.13	.02					.01	.05	.10	.07	.03	.12				.53	
TUSCALOOSA CAA AP	6	.26	*	*	*	*	*	.30	*	*	*	*	.24	*	*	*	*	.05	.10	.07	.03	.06			.49	
UNIVERSITY		.12	.02		.05	.05	.04				.01	.10	.04		.01	.01	.02		.02						.76	
VERNON		.23	.10	.06	.04	.09	.06	.02	.03	.02	.05	.06					.04	.04	.03		.02		.07		.23	
WIDOWS CREEK STM PL		.03																								
-7th-																										
ABBEVILLE		.02			.01	.01																			.04	
ADDISON		.01	.08	.02	.04	.01	.01	.03	.01	.03	.01	.07	.17	.20	.06	.05	.03	.04	.04	.02	.01	.01			.95	
ANNISTON CAA AP	6	.38																							.01	
BIRMINGHAM WB AP				.01																						
BOAZ																									.10	
DADEVILLE NO 2			.01	.05	.01	.02			.01																	
FORT PAYNE																										
HUNTSVILLE WB AWY	6	.35															.01	.02	.01	.05	.11	.16	.04	.03	.43	
JACKSONVILLE																	.02	.04	.04	.04	.02				.16	
LAY DAM											.03	.02													.73	
MAGNOLIA		.12	.29	.06	.06	.09	.06																		.09	
MARION 1 SSE																	.02	.03	.04						.15	
MIDWAY																.15									.06	
MOULTON						.03			.03		.03														.03	
NEW BROCKTON					.01	.01			.01		.01														.03	
PAINT ROCK		.03																							.03	
WIDOWS CREEK STM PL			.02					*	*	*	*	*	.05												.07	
-8th-																										
ABBEVILLE						.01		.01	.08	.01														.03	.03	
ANNISTON CAA AP	6	.13	*	*	*	*	*	.22											.01	*	*	*	*	*	.03	.13
ASHLAND	//	.02	.06	.03																					.09	
BERRY																		.01	.02	.02	.01	.09	.01	.01	.01	.16
BIRMINGHAM WB AP																									.03	
BOAZ																		.01	.04	.01	*	*	*	*	.06	
EUTAW LOCK NO 7	6							.02	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	.02	
EVERGREEN CAA AP																									.16	
FORT MORGAN	//																								.08	
FORT PAYNE																									.02	
GARDEN CITY																									.05	
GUNTERSVILLE CITY W WKS																									.08	
JACKSONVILLE																									.08	
LAY DAM																									.10	
MAGNOLIA																									.06	
MARION 1 SSE																									.05	
MONTGOMERY WB AP	6																								.06	
MUSCLE SHOALS CAA AP																									.05	
PAINT ROCK																									.04	
TRAFFORD								.06	.01			.01	.01	.01	.09	.02	.02	.02	.02	.01	.02				.30	
TROY																									.05	
TUSCALOOSA CAA AP	6							*	*	*	*	*	*	.02	*	*	*	*	*	.06	*	*	*	*	.09	
UNIVERSITY																	.01	.01	.06		.01				.06	
WIDOWS CREEK STM PL																										
-9th-																										
ABBEVILLE						.01		.01	.08	.01															.11	
ANNISTON CAA AP	6	.13	*	*	*	*	*	.22																	.11	
ASHLAND	//	.02	.06	.03																					.17	
AUBURN SCS 10																										

ALABAMA
DECEMBER 1950

Station	A. M. Hour ending												P. M. Hour ending												Total
	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	
-11th-																									
DADEVILLE NO 2																									
HUNTSVILLE WB AWY	6												.01	.02	.01			.01	.08	.19	.10	.07			.49
MUSCLE SHOALS CAA AP	6																			.03					
PAINT ROCK																				.01					.01
PLEASANT HILL																									
TONEY																									
WIDOWS CREEK STM PL																		.01							.01
-13th-																									
ADDISON																									
ASHLAND	//																								
AUBURN SCS 10																									
BELGREEN																									
BEKAR 2 SE													.01	.01	.01	.02					.01				.05
BIRMINGHAM WB AP																									.05
BOAZ																									.05
CAMPBELL																									.14
DADEVILLE NO 2																									.32
DOTHAN CAA AIRPORT																									.10
EUTAW LOCK NO 7																									.14
EVERGREEN CAA AP	6																	.01	.01	.03	.01	.07	.11	.15	.46
FLAT ROCK																									
FORT MORGAN	//												.15	.04	.02										.03
FORT PAYNE																									.21
GARDEN CITY																									.15
GREENVILLE NO 2																									.11
GUNTERSVILLE CITY W WKS																									.20
HUNTSVILLE WB AWY	6																								.30
JACKSON LOCK 1																									
JACKSONVILLE																									
LAY DAM																									
MAGNOLIA																									
MIDWAY																									

See reference notes following Station Index.

Table 4--Continued

HOURLY PRECIPITATION

ALABAMA
DECEMBER 1950

Station		A. M. Hour ending												P. M. Hour ending												Total	
		1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12		
MOBILE WB CITY																							.01	.01	.02		
PETERMAN		*	*	*	*	*	.13	-	-																.13		
RIVER FALLS 2 NE																											
EVERGREEN CAA AP	6	.02																									
MOBILE WB AIRPORT	6	.04																									
BOAZ																											
FORT MORGAN	//																.01		.01						.02		
MOBILE WB AIRPORT	6												*	*			.01	*	.01		.04	.01	.01		.04		
MOBILE WB CITY																		.01	.01	.01	.01						
FORT MORGAN	//					.03		.01	.03	.01		.01	.01	.01	.01	.03	.05	.03	.12	.01	.03	.02	.01	.01	.43		
MOBILE WB AIRPORT	6	*	*	*	*	*		.01	*	*	*	*	*	*	*	*	*	*	*	.15	*	*	*	*	.17		
MOBILE WB CITY																	.01	.01	.03	.06	.03	.01		.02			
MOBILE WB AIRPORT	6	.13	*	*	*	*	*	.04																	.02		
MOBILE WB CITY																											
TROY																											
AUBURN SCS 10																		.25	.07						.32		
DADEVILLE NO 2																								.04	.04		
ABBEVILLE																											
ANNISTON CAA AP	6																.06	*	*	*	.01		.01	.13	.20		
BOAZ																									.02		
CAMPBELL																	.01	.01	*	*	*					.15	
DADEVILLE NO 2																			.04	.03	.03	.05				.70	
EUTAW LOCK NO 7																	.01	.13	.01	.25	.16	.04				.61	
EVERGREEN CAA AP	6							*	*	*	*	*	*	*	*	*				.01	*	*	*	*	.12		
GREENVILLE NO 2																	.01	.03	.01	.02						.21	
JACKSON LOCK 1								.01	.01		.03	.10					.03	.01	.02	.02		.01	.02	.01		.44	
LAY DAM																	.02	.29	.01	.04		.01	.04	.01		.08	
MAGNOLIA																										.39	
MARION 1 SSE																	.33	.06		.05	.01	.01	.01			.30	
MIDWAY																											
MOBILE WB AIRPORT	6							*	*	*	*	*	*		.04	*	*	*	*	*	.35	.01		.21	.02	.07	
MONTGOMERY WB AP															.01											.37	
NEW BROCKTON																										.15	
PLEASANT HILL																	.16	.04	*	.16	.02	.08	.01		.01	.03	
THORSBY 1 SW																		*	*	*						.46	
TUSCALOOSA CAA AP	6																		*	*	*	.01					
ABBEVILLE																											
ANNISTON CAA AP	6																									.01	
ASHLAND	//																				*	*	*	*	.03	.03	
AUBURN SCS 10																										.07	
BIRMINGHAM WB AP																										.14	
DADEVILLE NO 2																			.02	.31	.32	.09	.10	.01	.01	.86	
DO THAN CAA AIRPORT																			*	*	*	.05				.05	
EUTAW LOCK NO 7																			*	*	*	.03	.01	.01		.05	
EVERGREEN CAA AP	6	.01															*	*	*	*	*						
JACKSONVILLE																										.04	
LAY DAM																										.05	
MAGNOLIA																										.04	
MIDWAY																			.01	.02	.01	.01	.02	.03	.01	.01	
MOBILE WB AIRPORT	6																*	*	*	*		.08	.01	.01	.09	.11	
MOBILE WB CITY																					.01					.01	
MONTGOMERY WB AP																					.01					.12	
NEW BROCKTON																										.02	
PETERMAN																	.05	.05					.01			.10	
PLEASANT HILL																										.04	
RIVER FALLS 2 NE																			.01	.01	.01	.01				.06	
THORSBY 1 SW																						.05		.01	.01	.05	
TROY																											
TUSCALOOSA CAA AP	6																										
UNIVERSITY																										.03	
ABBEVILLE			.01	.01	.01													.01	.05	.13	.01	.01	.01	.05	.03	.01	.34
ADDISON																	.04	.01		.01	.09	.02	.01	.01	.01	.21	
ANNISTON CAA AP	6	.04	*	*	*	*	*	.02									*	*	*	*	*	*	*	*	*	*	.06
ASHLAND	//	.01	.01														.02	.06	.25	.12	.30	.22	.06	.04	.02	.13	
ATHORE STATE FARM																			.02	.29	.14		.01	.15	.01	.15	
AUBURN SCS 10		.25	.30	.25	.20	.30	.15	.20	.05		.07															.177	
BELGREEN																	.07	.08		.02		.06	.04			.27	
BERRY																	.03	.08	.14	.15	.08	.01	.				

HOURLY PRECIPITATION

ALABAMA
DECEMBER 1950

Table 4-Continued

Station		A. M. Hour ending												P. M. Hour ending												Total
		1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	
MOBILE WB AIRPORT	6		*	*	*	*		.07	*	*	*	*	.90	*	*	*	*	*	*	.65	*	*	*	*	*	1.62
MOBILE WB CITY										.01	.42	.17	.11	.02	.40	.31	.17	.25	.38	.12	.02	.01	.03	.11	.01	1.68
MONTGOMERY WB AP													.07	.06	.05	.02	.03	.02								.28
MOULTON																										
MUSCLE SHOALS CAA AP	6			.01	.01				.01	.02				.01	.01	.04	.06	.07	.01		.05		.01			.31
NEW BROCKTON																										.20
PAINT ROCK																					.05	.03		.01		.85
PETERMAN									.04		.01	.20	.04	.02	.15	.21	.10	.13	.01	.02	.02					.17
PLEASANT HILL												.04	.21	.18	.13	.25	.20				.11	.04			.01	1.17
RIVER FALLS 2 NE													.31	.09	.08	.07	.20	.07	.08	.09	.01					.14
THORNSBY 1 SW									.01	.02				.09	.21	.14	.28	.15	.06	.04					.01	1.00
TONY														.04	.06	.08	.08	.02	.04	.10	.08	.04				.46
TRAFFORD													.09	.12	.07	.06	.03	.11	.02	.02						.52
TROY									.35					.18	.21	.07	.04	.50	.10	.01	.13	.01		.01	.13	1.74
TUSCALOOSA CAA AP	6	.02							*	*			*	.08	*	*	*	*	*	*	*	*	*	*	*	.57
UNIVERSITY			.01								.01			.10	.22	.18	.02	.02		.01						.35
VERNON												.02	.06	.07	.04		.01	.07	.03	.01	.01	.02	.01			.37
WIDOWS CREEK STM PL																.06	.01	.18	.02		.06	.03	.01			
-29th-																										
ABBEVILLE		.01	.16	.02	.18	.12	.01	.10	.09	.08	.18	.02	.03	.21	.04	.01	.02	.01								1.29
ANNISTON CAA AP	6	.05																								.01
ASHLAND	//	.01																								.18
ATMORE STATE FARM		.35	.08	.04	.01																					.05
BOAZ				.02	.02	.01																				.27
DOTHAN CAA AIRPORT				.01	.08	.05				.05				.04	.01	.01	.02									
EVERGREEN CAA AP	6	.19	*	*	*	*	*	.21																		.02
FORT PAYNE		.01	.01																							
BUNTSVILLE WB AWY	6	.05	*	*	*	*	*	.01		*	*	1.76														1.76
MARION 1 SSE		*	*	*	*	*	*																			.35
MIDWAY		.02	.01	.12	.07	.09	.01	.03																		
MOBILE WB AIRPORT	6	.74	*	*	*	*	*	.04																		.10
MOBILE WB CITY		.92	.04	.03	.01																					.03
MOULTON			.01				.02																			
MUSCLE SHOALS CAA AP	6	.07																								.93
NEW BROCKTON		.02	.01	.03	.06	.01	.02		.24	.19	.02	.22	.03	.06	.01	.01										.03
PAINT ROCK						.02		.01																		.32
PLEASANT HILL		.01							.02	.23	.06															.11
RIVER FALLS 2 NE		.01	.01	.03	.01			.01	.04																	.01
THORNSBY 1 SW		.01																								.31
TROY		.01	.03	.18	.04	.04	.01		*	*	*	*	*	.01												
TUSCALOOSA CAA AP	6	.01																								

DAILY TEMPERATURES

ALABAMA
DECEMBER 1950

Table 5

Station		Day of month																															Average	
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
ALBERTVILLE 1 S	MAX MIN	57 34	66 47		62 28	43 35	56 38	50 23	32 21	38 24	42 28	32 23	32 24	35 28	41 31	45 36		47 23	45 25	31 14	37 17	41 20	43 25	55 30		61 27	59 25	53 25	48 27	36 30	40 31	50 25	45.6 26.9	
ALEXANDER CITY 6 NE	MAX MIN	72 39	64 47	51	29	29	38		54 26	41 28	42 16	37 20	51 24	48 19	43 33	49 39	50 26	52 29	44 18	45 18	52 18	46 19	66 20	66 22	66 28	67 24	64 37	57 45	43 40	32 38	29 39	42 31	45 27	51.5 28.5
ANDALUSIA	MAX MIN	75 50	78 56	73 58	62 33	53 35	56 41	60 29	45 30	54 43	53 31	44 21	42 30	57 31	51 35	46 42	55 39	60 27	57 22	49 29	57 39	52 39	62 37	62 37	67 38	68 45	75 40	45 38	42 39	47 39	48 31	56.2 36.8		
ANNISTON CAA AP	MAX MIN	73 43	71 53	63 37	49 30	56 36	56 34	39 26	41 29	40 26	35 26	37 25	41 28	41 30	42 34	52 27	48 24	52 25	47 19	38 13	41 19	48 19	45 25	57 24	63 27	64 24	65 30	66 28	47 30	36 33	44 33	51 25	49.7 28.6	
ATMORE STATE FARM	MAX MIN		73 58	70 56	64 33	67 41	57 44	47 28	55 34	55 46	53 34	46 25	58 32	56 33	53 40	58 44	59 40	57 39	57 22	55 32	55 34	60 35	70 38	68 36	69 36	74 36	71 38	55 42	54 39	50 40	54 32	59.0 37.3		
AUBURN	MAX MIN	62 41	74 51	71 55	61 30	51 33	53 40	55 27	38 27	45 33	47 26	36 24	38 23	50 23	50 26	42 33	48 29	53 32	52 21	40 15	44 20	52 25	47 27	60 30	65 36	63 33	67 38	65 32	42 30	35 30	45 35	47 29	51.5 30.9	
BAY MINETTE	MAX MIN	79 50	73 60	68 55	58 33	60 40	60 40	41 29	58 34	55 46	50 34	47 25	61 34	58 35	54 41	58 47	61 43	57 40	48 28	51 24	57 35	52 40	63 42	70 39	70 41	73 41	75 39	64 38	51 43	50 38	48 32	58.9 38.9		
BELLE MINA 2 N	MAX MIN	70 40	70 57		40 25	45 37	54 34	34 24	45 19	45 28	37 23	35 25	43 30	44 29	53 33	53 21	44 25	44 15	37 17	35 18	48 23	48 28	56 30	60 36	63 36	60 25	60 38	45 40	43 30	44 24	48 29	49.6 27.7		
BIRMINGHAM WB AP	MAX MIN	74 49	71 60	63 36	47 29	57 37	54 27	36 24	42 30	43 28	35 26	34 25	41 28	41 33	44 35	48 29	51 26	49 16	36 16	39 22	49 22	46 31	59 29	63 31	65 29	66 26	62 32	46 33	37 36	44 36	43 26	52 26	49.6 30.2	
BIRMINGHAM WB CITY	MAX MIN	74 48	70 60	67 47	50 29	57 37	52 43	44 25	39 30	42 35	37 31	34 25	42 30	41 32	44 36	48 40	53 28	52 30	41 18	40 19	52 29	48 27	62 34	62 38	67 46	69 34	67 52	57 28	43 34	44 35	54 40	51.5 34.4		
BREWTON 3 SSE	MAX MIN	79 42	82 54	67 46	58 34	59 46	48 38	48 30	55 32	58 36	54 36	46 25	60 25	55 32	58 38	61 45	58 39	45 28	53 19	56 28	52 27	64 28	69 39	69 40	69 39	75 37	69 41	49 41	50 41	50 40	56 37	59.2 35.1		
CAMDEN	MAX MIN	78 52	72 60	67 47	52 30	56 38	55 43	55 28	40 34	49 30	43 31	41 23	54 30	50 39	45 33	52 43	52 33	55 39	47 24	48 22	57 22	61 28	66 28	68 40	66 39	70 42	63 46	42 34	44 36	48 42	53.8 35.2			
CAMP HILL 2 NW	MAX MIN	77 45	73 50	70 54	55 29	54 30	52 37	55 27	39 27	43 34	42 26	36 25	36 24	50 22	47 34	46 33	48 28	50 29	52 19	42 14	42 15	52 21	60 23	62 25	63 28	66 32	63 31	46 30	40 33	47 33	51.0 29.4			
CENTREVILLE	MAX MIN	62 42	76 54	75 55	60 35	56 38	56 36	54 28	40 26	40 36	40 23	50 23	52 26	50 38	44 30	44 32	49 30	52 16	40 19	45 21	49 23	48 25	52 28	55 24	60 27	62 30	60 48	39 32	43 31	45 34	51.0 29.5			
CHATOM	MAX MIN	79 48	74 59	69 46	54 30	62 34	56 26	46 34	54 33	56 40	50 30	48 23	58 34	54 41	54 33	59 41	59 39	48 25	53 18	55 31	63 29	69 30	70 30	72 36	74 36	62 44	44 36	48 43	48 36	56 43	57.9 34.2			
CITRONELLE	MAX MIN	78 56	73 61	67 46	52 32	62 41	56 42	54 36	44 38	58 47	49 30	48 25	60 26	51 35	57 41	60 47	58 41	48 27	53 26	54 37	60 38	67 42	68 45	74 43	67 45	74 43	67 38	49 41	48 43	54 43	58.0 39.4			
CLANTON	MAX MIN	63 40	73 48	70 56	58 49	59 30	54 26	52 37	38 27	42 33	41 28	36 25	36 23	51 24	48 25	42 32	49 29	47 31	51 19	37 18	42 24	50 26	46 28	57 34	64 36	65 38	67 41	65 32	43 31	44 33	50.4 30.0			
CORDOVA	MAX MIN	70 48	65 53	62 42	47 33	60 58	50 45	53 23	38 36	43 36	40 24	34 24	44 25	44 31	51 32	52 40	48 22	42 25	38 22	48 22	49 38	58 49	64 36	65 34	66 38	64 48	58 25	42 36	46 36	51 46	51.1 32.3			
DAYTON	MAX MIN	72 50	72 60	70 43	49 31	58 38	55 37	41 27	46 33	47 38	45 30	50 22	50 27	44 29	49 38	49 43	52 32	46 36	45 22	52 1	48 30	52 29	65 32	68 34	66 41	70 31	58 46	41 31	45 30	47 28	53.2 34.4			
DECATUR	MAX MIN	70 45	70 60	66 43	44 31	58 38	53 37	37 24	42 32	42 38	30 25	36 28	41 25	50 32	45 35	45 39	39 29	32 17	36 18	40 23	47 23	55 35	62 32	59 31	61 30	60 31	38 22	43 38	45 37	47.3 31.4				
DOTHAN CAA AIRPORT	MAX MIN	78 49	76 53	66 45	55 35	55 40	46 32	46 31	51 25	57 35	48 33	53 30	58 29	51 30	46 39	58 35	55 35	45 27	47 20	58 29	53 36	62 34	67 36	67 33	74 43	59 43	44 36	44 41	46 33	56.5 36.0				
EUFULA	MAX MIN	78 42	74 51	71 51	55 32	55 38	45 40	45 30	57 30	52 42	45 28	58 27	52 27	50 27	52 36	55 41	56 30	50 23	40 19	55 18	55 24	60 28	65 26	70 29	66 30	73 40	69 30	38 34	41 34	45 38	56.2 32.7			
EVERGREEN CAA AP	MAX MIN	79 45	72 56	64 51	53 32	57 43	57 38	47 29	52 32	52 27	46 25	43 26	58 23	54 29	46 39	56 45	58 38	43 25	51 18	58 27	53 28	64 33	69 29	69 29	70 36	74 36	58 44	50 38	50 38	56 38	56.8 32.9			
FAIRHOPE	MAX MIN	79 53	73 63	66 43	59 34	61 47	62 30	62 38	47 33	62 38	52 26	48 34	62 33	59 43	64 49	60 44	59 38	47 29	51 23	60 33	51 42	60 39	68 40	70 42	71 48	75 40	60 41	57 42	53 40	51 41	60.1 38.7			
FAYETTE	MAX MIN	50 38	74 46	72 54	57 26	49 27	58 41	48 25	35 31	38 27	43 21	38 20	34 22	43 27	44 27	47 37	51 26	51 26	49 16	37 15	39 18	48 20	47 22	58 24	65 27	64 25	64 26	60 23	41 23	39 36	44 38	49.5 27.5		
FORT MORGAN	MAX MIN	73 59	70 63	66 46	54 38	65 46	65 36	46 31	62 41	62 48	53 41	55 33	60 47	64 42	59 40	58 35	57 33	48 25	45 18	54 24	52 40	60 45	64 45	69 48	68 46	71 52	68 45	65 45	65 45	62 53	60.6 44.1			
FRISCO CITY	MAX MIN	77 47	77 49	72 54	57 34	53 40	55 46	49 34	52 39	45 29	54 25	46 33	57 31	56 40	47 34	57 40	59 38	49 21	51 28	51 28	59 37	65 34	69 35	70 37	69 44	73 48	44 35	43 38	49 35	48 29	56.7 35.3			
GAUDSEN	MAX MIN	56 31	72 47	70 50	58 28	48 28	59 38	52 26	38 34	39 39	38 20	36 26	36 25	39 32	45 33	44 33	47 18	52 21	46 17	3														

DAILY TEMPERATURES

ALABAMA
DECEMBER 1950

Table 5-Continued

Station	Day of month																															Average	
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
ARION JUNCTION 2 NE	MAX MIN	77 45	72 55	67 40	61 27	58 14	52 3	41 27	45 32	46 25	39 25	39 21	50 24	49 20	45 37	50 42	51 31	54 36	16 21	47 17	53 24	47 25	60 28	66 28	68 34	67 31	73 19	58 31	44 34	46 35	48 45	54 25	58.6 32.1
AXWELL FIELD	MAX MIN	76 46	72 59	62 43	52 33	56 43	58 23	41 38	48 36	46 33	40 31	39 28	51 28	44 28	44 30	50 38	52 43	54 34	40 24	44 21	53 26	48 29	56 30	62 32	65 36	65 40	66 46	41 35	46 35	48 37	51 41	51.4 34.6	
MOBILE WB AIRPORT	MAX MIN	77 52	73 63	65 46	56 33	62 41	61 30	46 29	61 35	59 40	50 30	48 25	61 38	58 35	58 43	61 46	58 45	61 40	46 29	52 26	57 36	48 17	62 31	67 39	68 41	68 42	74 48	60 39	54 39	51 42	49 39	55 35	58.9 38.9
MOBILE WB CITY	MAX MIN	71 35	70 62	64 45	55 14	60 14	60 1	47 10	60 3	60 42	50 39	49 42	61 38	59 43	55 49	55 40	59 42	58 42	59 31	46 29	51 41	62 44	67 44	67 40	69 17	69 44	60 54	60 46	54 50	50 54	54 42	58 34	58.2 40.9
MONTGOMERY WB AP	MAX MIN	77 44	73 57	62 42	52 31	55 39	58 32	42 26	48 34	46 30	44 28	39 25	52 33	46 38	52 34	52 38	54 32	54 33	41 24	45 19	55 20	50 29	61 28	65 33	67 31	70 38	48 34	43 34	43 35	47 44	54 39	53.5 32.8	
MONTGOMERY WB CITY	MAX MIN	76 49	72 59	62 42	52 33	55 43	58 33	41 28	47 31	46 33	39 26	38 21	51 28	49 33	44 38	52 42	52 34	54 36	41 24	45 30	54 31	49 34	60 36	65 41	66 42	67 41	68 36	46 34	41 37	46 44	47 54	52.8 36.9	
MUSCLE SHOALS CAA AP	MAX MIN	71 48	70 63	64 32	44 20	56 38	47 23	26 21	34 22	40 23	35 25	30 23	37 30	43 30	52 36	48 31	39 25	39 16	35 16	41 24	48 25	57 35	63 38	60 40	61 37	58 34	35 26	36 20	43 27	46 27	48 28	46.9 28.3	
NEONTA	MAX MIN	55 36	72 50	70 32	53 17	47 30	58 40	52 28	36 23	37 23	37 27	34 23	37 25	44 30	44 32	36 22	47 15	50 12	45 18	40 18	46 23	44 24	57 30	66 34	65 34	64 24	62 25	45 26	36 31	41 35	42 35	48.3 27.9	
NORFOLK	MAX MIN	78 50	75 55	68 54	55 34	55 39	58 45	58 29	50 43	52 41	48 31	43 28	58 30	54 30	51 38	56 42	59 36	57 39	45 22	47 30	57 30	54 30	65 35	69 38	67 43	69 39	72 44	69 43	50 35	44 36	17 40	55 31	57.6 36.9
PELL CITY	MAX MIN	60 36	68 47	72 52	53 26	50 28	58 36	48 23	40 32	40 27	38 25	41 27	43 34	44 34	42 33	44 32	52 24	47 28	43 20	39 17	45 21	43 24	54 32	66 34	66 34	67 29	66 29	45 27	38 30	46 36	42 26	49.5 30.2	
PENNINGTONVILLE	MAX MIN	75 41	71 50	64 51	55 32	55 37	56 46	47 36	45 25	47 36	40 28	51 25	49 28	44 38	51 42	52 34	53 44	46 34	44 24	51 19	48 24	59 28	65 29	65 31	68 30	57 35	46 34	45 35	47 43	53 40	53.3 33.0		
PRICHARD	MAX MIN	73 34	78 58	78 53	60 34	52 24	60 44	50 26	40 32	47 37	54 24	45 22	43 24	50 26	56 34	46 28	56 39	56 33	52 20	42 16	44 10	54 25	47 25	60 31	65 31	67 31						55.0 22.5	
ROBERTSDALE 7 E	MAX MIN	76 49	73 61	68 54	56 25	60 37	64 44	47 29	60 33	61 50	52 35	47 26	60 33	59 33	56 48	61 49	58 45	54 41	51 28	60 30	52 43	59 40	66 25	68 37	68 30	74 41	66 41	58 41	51 43	52 44	55 32	59.8 29.6	
ROCK MILLS	MAX MIN	72 40	70 52	66 55	53 30	54 24	52 14	41 27	45 24	38 21	39 25	50 20	45 25	50 40	49 40	52 40	53 32	40 10	45 14	52 10	45 15	59 20	65 25	65 24	65 24	63 20	57 28	44 30	40 28	45 38	55 30	52.2 30.3	
SAINT BERNARD	MAX MIN	58 29	70 44	73 52	53 32	45 17	57 35	50 23	35 23	35 34	40 26	34 27	34 20	35 20	45 37	49 28	49 28	50 15	41 13	32 19	37 19	43 21	46 25	57 26	64 25	64 25	62 32	59 42	42 32	36 34	45 24	47.7 26.5	
SAND MT STATE FARM AP	MAX MIN	72 40	66 40	64 50	50 27	56 34	48 28	45 20	35 20	35 26	30 25	34 26	40 29	46 28	46 38	48 30	48 30	48 14	30 15	41 15	41 25	38 21	60 38	60 29	60 27	60 30	50 24	30 23	40 31	40 31	48 25	47.4 29.2	
SCOTTSBORO	MAX MIN	62 31	68 45	64 42	48 30	47 18	50 10	35 28	35 28	35 28	35 21	30 16	35 27	40 24	40 19	51 36	42 19	42 12	38 12	46 19	46 20	55 20	58 25	60 25	61 26	60 26	60 26	45 26	45 26	44 28	50 21	47.9 27.5	
SELMA	MAX MIN	79 47	74 39	71 39	59 28	51 18	56 45	46 35	47 29	49 25	48 20	55 29	49 23	49 23	52 44	54 36	58 31	58 22	50 14	50 15	60 25	60 29	62 31	60 30	60 30	70 39	61 38	47 36	48 33	50 41	58 38	57.1 38.8	
SALLADEGA	MAX MIN	74 47	71 60	65 51	53 38	53 22	42 26	42 27	43 24	43 21	37 25	40 30	40 33	40 33	40 39	40 22	40 27	38 14	38 21	40 18	40 24	50 25	50 31	60 29	60 29	60 29	60 29	40 24	40 24	40 24	40 24	40 24	40 24
SEASIDEVILLE	MAX MIN	73 57	72 61	65 41	51 31	56 39	54 32	42 27	50 34	51 35	40 34	42 34	54 32	50 39	45 35	51 38	54 41	54 24	51 21	54 30	50 32	61 37	67 42	67 40	68 42	68 40	72 32	40 35	40 32	44 37	52 42	54.2 36.5	
SEBASTIAN	MAX MIN	74 39	76 53	71 56	60 30	51 35	54 43	58 28	42 29	36 30	48 26	41 25	53 29	50 33	46 39	52 36	55 41	54 36	40 22	45 26	54 31	52 33	61 33	66 42	65 40	67 41	70 37	50 33	38 33	45 34	47 30	54.1 34.2	
SEALOOSA CAA AP	MAX MIN	76 41	74 61	65 38	50 30	60 33	49 28	38 22	41 28	45 28	39 25	37 22	46 33	48 30	44 33	50 30	52 31	39 20	44 17	50 22	48 23	50 25	61 38	67 35	67 35	66 35	59 27	43 38	40 35	45 38	49 36	55 25	51.5 30.1
SENEGEE	MAX MIN	66 42	78 53	72 57	63 31	53 35	56 43	56 29	55 31	55 39	53 27	52 27	49 25	43 27	50 31	54 39	54 30	54 23	41 20	44 23	53 26	44 30	60 28	61 30	65 28	65 39	68 33	66 34	49 27	48 31	58 36	49 30	54.2 32.5
SEVEN SPRINGS	MAX MIN	75 46	71 55	69 42	54 31	47 45	56 31	56 28	49 33	48 33	42 28	40 26	55 30	50 27	47 28	49 32	56 37	56 32	45 22	54 20	51 28	61 32	66 31	67 35	68 32	66 45	64 36	49 32	46 32	46 39	54 32	55.3 34.6	
SEVENHURST	MAX MIN	73 48	70 59	60 36	48 28	59 35	47 26	37 31	38 28	42 26	36 22	35 22	42 31	45 25	41 35	46 32	47 27	48 19	37 28	44 19	52 25	48 28	61 32	67 30	68 32	65 42	58 34	42 26	39 34	44 47	54 34	49.7 30.8	
SHELLEY HEAD	MAX MIN	67 29	65 45	66 40	54 24	55 28	49 35	46 24	35 16	37 29	33 26	33 23	36 24	43 24	46 32	46 37	52 16	42 11	40 7	39 19	48 16	56 26	60 20	62 30	53 33	53 28	43 24	40 28	47 27	50 34	49.8 25.6		
SEVENHURST	MAX MIN	76 41	71 59	64 48	52 33	56 40	47 29	44 35	45 38	40 28	40 26	53 29	48 26	44 35	51 43	54 32	54 40	43 23	40 20	53 25	49 24	58 30	64 29	66 31	66 38	66 38	56 34	45 35	46 36	48 43	54 30	53.3 34.1	

CLIMATOLOGICAL DATA

ALABAMA
DELAYED DATA

Table 2

Station	Temperature										Precipitation								
	Average	Departure from normal	Highest	Date	Lowest	Date	Degree days	No. of days		Total	Departure from normal	Greatest day	Date	Snow, Sleet, Hail			No. of days		
								Max. 90° or above	Min. 32° or below					Total	Max. depth on ground at obsn.	Date	.01 or more	.25 or more	1.00 or more
JULY 1950																			
MOBILE WB CITY	80.5	- .9	93	31	69	10		12	0	11.46	4.57	1.66	7	0	0		19	11	5
AUGUST 1950																			
GREENSBORO	79.5	- .7	99	24	62	5+		21	0	5.23	.84	2.36	31	0	0		9	3	3
MARION JUNCTION	78.5M		95	13+				20	0	2.69		2.00	31	0	0		6	1	1
SEPTEMBER																			
GREENSBORO	73.8	- 2.3	92	20	54	25		7	0	3.22	.14	1.23	7	0	0		11	4	1
HEADLAND	74.4		91	13+	56	6		7	0	1.60		1.10	6	0	0		3	2	1
LIVINGSTON	73.6	- 1.8	92	4	51	25		5	0	6.43	4.01	1.69	2	0	0		12	6	3
OCTOBER 1950																			
HEADLAND	68.8		85	15	34	31	23	0	0	.80		.30	18	0	0		6	1	0
NOVEMBER 1950																			
GREENSBORO	52.3	- 2.7	87	1	12	25	392	0	11	2.22	-.92	.63	4				6	4	0
HEADLAND	52.8M		84	1+	20	24	368	0	9	.52		.22	20	0	0		4	0	0
ONEONTA	45.2	- 5.4	85	2	2	25		0	17	2.04	-.97	.96	21	T	0		5	2	0

DAILY PRECIPITATION

ALABAMA
DELAYED DATA

Table 3

Station	Day of month																															Total	
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
JULY 1950																																	
MOBILE WB CITY				.29	.83	.84	1.66		T	1.48	1.77	.04	.38	.01	.04	.12				.20	.03			.01	.18	1.21	.94	1.04	.39			11.46	
SEALE 7 WNW				.20						2.20										.10								.40				2.90	
AUGUST 1950																																	
GREENSBORO		.02							T						.24	.02		T	.03							.01	1.39	.03	1.25	.06	.07	2.36	5.23
MARION JUNCTION			.19																							.01	.16		.08	2.00	2.69		
MERTZ 3 E			.28													1.15											.25			3.36	5.04		
SEALE 7 WNW				.20						2.60												2.60							1.10	.40		6.90	
SEPTEMBER 1950																																	
GREENSBORO		.37		.38			1.23	.03	.02		.11	.12					.72				.03							.02	.03	.18		3.22	
04 LIVINGSTON	.91	1.69		.60			1.32	.05	.04		.16	1.10				.41													.03	.10		6.43	
MONTVALLO	.56					1.58	.56		.10	.58			.12					.94											.10			4.54	
SLOCUMB	1.90	.22					1.31																									3.43	
SEALE 7 WNW				.20					.11												.80									.10		1.21	
HEADLAND						1.10																.48						.02				1.60	
OCTOBER 1950																																	
HEADLAND								.02	1.50								.17	.30	.16	.04	.80	.11								.20		.80	
SEALE 7 WNW										1.50							1.00															3.50	
NOVEMBER 1950																																	
CARBON HILL			.70	.65											.65	.50																	
CHILDERSBURG				.03							.13						.03				.52				.10							.81	
CLAYTON																														.43		1.13	
GREENSBORO			.61	.63						.04					.31						.54				.70							2.22	
HEADLAND			.15												.13						.22			.09				.02				.52	
ONEONTA				.58						.22						.24						.96				.04						2.04	

CORRECTIONS

MONTH: JUNE 1950

Table 3: Dansville CAA AP

Delete dash on the 11th, should be 0.

MONTH: JULY 1950

Table 2: Maxwell Field

Highest temperature should be 96.

Table 4

HOURLY PRECIPITATION

ALABAMA
DELAYED DATA

Station		A. M. Hour ending												P. M. Hour ending												Total
		1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	
AUGUST 1950														-2D-												
HUNTSVILLE WB AWY	6													*	*	*	*	*	.32	*	*	*	*	*	*	
														-3D-												
HUNTSVILLE WB AWY	6	.27																								
														-9TH-												
HUNTSVILLE WB AWY	6	*	*	*	*	*	.16	*	*	*	*	*	*	.04						*	*	*	*	*	*	
														-10TH-												
HUNTSVILLE WB AWY	6	.27	*	*	*	*	.41																			
														-15TH-												
HUNTSVILLE WB AWY	6													*	*	*	*	*	.06	*	*	*	*	*	*	
														-16TH-												
HUNTSVILLE WB AWY	6	.03						*	*	*	*	*	*	.01												
														-25TH-												
HUNTSVILLE WB AWY	6							*	*	*	*	*	*	.02						*	*	*	*	*	*	
														-26TH-												
HUNTSVILLE WB AWY	6	.18	*	*	*	*	.04	*	*	*	*	*	*	.03												
														-28TH-												
HUNTSVILLE WB AWY	6													*	*	*	*	*	.05	*	*	*	*	*	*	
														-29TH-												
HUNTSVILLE WB AWY	6	.30	*	*	*	*	.67	*	*	*	*	*	*	.31	*	*	*	*	.15	*	*	*	*	*	*	
														-30TH-												
HUNTSVILLE WB AWY	6	.70	*	*	*	*	.01																			
														-31ST-												
HUNTSVILLE WB AWY	6	*	*	*	*	*	1.60	*	*	*	*	*	*	.38						*	*	*	*	*	*	

Table 5

DAILY TEMPERATURES

ALABAMA
DELAYED DATA

Station		Day of month																															Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
JULY 1950																																	
MORILE WB CITY	MAX MIN	92 70	89 73	88 71	87 73	85 74	86 74	82 71	86 71	83 71	90 69	80 72	80 71	85 72	85 74	87 77	88 80	88 77	91 74	91 75	90 78	91 73	92 71	91 73	91 74	90 76	87 73	83 71	85 72	90 74	89 73	93 76	87.6 73.3
AUGUST 1950																																	
GREENSBORO	MAX MIN	92 70	91 69	89 69	86 69	84 62	89 65	91 62	92 66	88 70	90 69	92 70	94 69	95 69	96 70	94 72	90 70	95 69	93 69	90 69	89 67	91 64	89 62	92 62	99 65	89 69	91 69	94 87	92 70	91 71	81 72	70 70	90.9 68.0
MARION JUNCTION	MAX MIN	91 69	92 64	89 71			89 59	90 60	91 64	90 67	91 66	93 69		95 68	95 68	95 70	90 70	94 68	95 68	91 68	86 65	89 64	88 75	91 60	95 62	92 67	86 68	72 66	91 69	90 69	81 70	91 69	90.1 66.9
SEPTEMBER 1950																																	
GREENSBORO	MAX MIN	87 72	87 74	91 69	90 70	86 69	77 60	71 57	79 62	74 64	84 67	89 67	90 68	89 67	85 67	84 65	89 64	83 67	91 63	91 65	92 66	90 67	86 59	79 59	84 57	82 54	81 56	72 63	73 63	71 62	80 67	83.2 64.3	
HEADLAND	MAX MIN	83 73	89 71	88 70	87 72	83 72	76 62	69 59	79 63	77 64	86 59	87 56	88 69	91 66	90 68	89 65	90 65	90 64	90 64	89 64	90 65	89 64	91 62	83 59	85 62	80 59	82 52	82 59	75 59	78 64	79 65	84.5 64.3	
LIVINGSTON	MAX MIN	90 71	80 73	91 68	92 70	83 67	79 58	73 60	71 63	75 65	85 67	88 65	89 67	88 66	86 66	84 65	88 64	80 68	89 61	89 65	90 64	91 66	87 72	78 59	83 56	82 51	80 51	75 65	73 63	71 62	78 68	82.9 64.2	
OCTOBER 1950																																	
HEADLAND	MAX MIN	82 66	83 64	84 60	84 66	80 52	73 53	84 52	80 63	75 55	80 46	81 51	84 55	82 53	80 49	85 50	81 58	76 63	75 64	79 64	79 63	78 63	84 64	83 66	81 65	83 54	83 58	84 58	87 59	84 57	80 50	58 34	80.2 57.3
NOVEMBER 1950																																	
GREENSBORO	MAX MIN	87 59	84 57	67 50	40 35	62 35	73 43	76 43	80 49	79 56	58 40	55 37	63 26	69 32	70 36	78 50	70 56	65 41	69 31	77 50	73 50	61 29	72 32	74 38	57 25	27 12	57 18	59 28	54 25	57 23	73 35	66.6 37.9	
HEADLAND	MAX MIN	84 57	80 50	70 34	58 33	70 34	74 39	79 40	81 50	70 40	65 40	55 46	65 36	62 38	67 45	76 53	80 52	75 67	80 74	84 46	61 33	67 34	74 28	31 28	57 20	57 29	53 27	56 25	60 30	70 35	76 34	67.8 37.7	
ONEONTA	MAX MIN	83 51	85 50	80 51	60 38	44 34	55 30	70 33	72 42	76 75	75 36	46 29	48 21	58 22	65 25	64 30	72 51	66 38	60 25	60 50	67 28	68 55	55 29	57 30	70 18	27 2	24 5	45 5	49 17	42 16	49 21	69.7 30.6	

See reference notes following Station Index.

STATION INDEX

ALABAMA
DECEMBER 1950

Station	Index No.	County	Drainage	Latitude	Longitude	Elevation	Observation time	Observer	Refer to tables
Station	Index No.	County	Drainage	Latitude	Longitude	Elevation	Observation time	Observer	Refer to tables
ADAMSVILLE	0008 HENRY	4	31 34 85 13	455				MID J. P. MITCHELL	3 4
ADAMS	0063 HENRY	2	34 13 87 10					MID PALMER GOSSET	3 4
ADAMS CENTRAL TOWN	0071 LAWRENCE	1	34 23 87 19	1500				MID U. S. FOREST SERVICE	3 4
ADAMS	0140 WILCOX	1	32 14 87 23	175				SA SIMON J. HARTY, SR.	3 4
ADAMS 1 S	0148 MARSHALL	12	34 16 86 13	1114				SA JESSE M. CULP	2 3 5
ADAMS CITY 6 NE	0152 TALLAPOOSA	12	33 25 86 52	960				SA J. B. McQUEEN	2 3 5
ADAMS	0178 PICKENS	13	33 08 86 10					SA ROSIE PHILLIPS	2 3 5
ADAMS	0222 COVINGTON	6	31 19 86 30	346				SA W. M. GARRETT	2 3 5
ADAMS	0272 CALHOUN	1	33 33 86 53	599				SA W. P. DUNN	2 3 5
ADAMS CAA AIRPORT	0338 WINSTON	2	34 04 87 13					SA MRS. LESSIE HILLER	3 4
ADAMS	0359 CLAY	11	33 16 85 50					MID HENRY L. MC QUEEN	3 4
ADAMS	10377 ST. CLAIR	7	33 50 86 16	880				SA NORMAN R. PRICKETT	3 4
ADAMS	0390 LIMESTONE	12	34 48 86 59	709				SA T. A. WATKINS	2 3 5
ADAMS STATE FARM	0402 ESCAMBIA	10	33 10 87 29					SA THOMAS STATE FARM	2 3 5
ADAMS	0422 LEE	11	33 26 85 30	732				SA MRS. MARION I. MOORE	2 3 5
ADAMS	0427 LEE	11	33 26 85 29					MID SOIL CORPS SERVICE	3 4
ADAMS	0440 AUYAUA	11	33 26 86 39					SA J. B. McQUEEN	2 3 5
ADAMS	0546 COLBERT	12	34 43 87 52	463				SA T. A. WATKINS	2 3 5
ADAMS	0583 BALDWIN	9	30 53 87 47	268				SA GROVER W. WOODWARD	2 3 5
ADAMS	0616 MONROE	1	31 44 87 13	230				SA W. P. DUNN	2 3 5
ADAMS	0631 FRANKLIN	12	34 29 87 52	910				MID TALL-43	3 4
ADAMS	0655 LIMESTONE	12	34 42 86 54	600				SA ALA. POLY. INST.	2 3 5
ADAMS	0748 PAYETTE	1	33 40 87 36	452				MID MISS CLARA R. OLIVE	2 3 5
ADAMS	0840 MARION	1	33 08 86 09	34				SA W. B. WITHEAD	2 3 5
ADAMS	0823 AUTAUGA	2	33 40 86 43	373				SA LEONARD C. WELDON	2 3 5
ADAMS	0831 JEFFERSON	2	33 34 86 45	610				MID U. S. WEATHER BUREAU	2 3 5
ADAMS	0856 JEFFERSON	2	33 32 86 50	594				SA MRS. CARRIE B. BORTON	2 3 5
ADAMS	0854 COLBERT	12	34 39 86 05	410				MID TALL-42	3 4
ADAMS	0897 MARSHALL	2	34 13 86 10					SA WILFORD B. DOOLEY	3 4
ADAMS	1009 CRENSHAW	6	31 35 86 16	284				SA R. E. HENDERSON	3 4
ADAMS	1084 ESCAMBIA	6	31 04 87 03	85				SA MRS. CLARA T. JONES	2 3 5
ADAMS	1085 ESCAMBIA	6	31 04 87 03	85				SA MISS M. LOUISE JONES	2 3 5
ADAMS	1178 PIER	5	31 43 87 49	515				SA G. D. L. HICKS	3 4
ADAMS	1288 SHELBY	7	33 06 86 45	500				SA ZEMMA P. HOLCOMBE	2 3 5
ADAMS	1300 WILCOX	1	32 14 87 23	225				SA ALA. POLY. INST.	2 3 5
ADAMS	1315 CLARKES	13	31 55 87 59					MID W. B. GRIFFIN, JR.	3 4
ADAMS	1324 TALLAPOOSA	11	32 50 85 38	680				SA ALA. POLY. INST.	2 3 5
ADAMS	1377 WALKER	12	34 47 87 13	314				SA MRS. C. RAY	3 4
ADAMS	1492 MONROE	1	32 23 86 38	760				SA T. A. WATKINS	2 3 5
ADAMS	1520 BIBB	3	32 57 87 08	230				SA W. D. BOLLIFIELD	2 3 5
ADAMS	1566 WASHINGTON	13	31 28 88 15	195				SA C. S. SMITH	2 3 5
ADAMS	1615 TALLAPOOSA	11	32 17 86 21	480				SA ALABAMA POWER CO.	3 4
ADAMS	1685 MOBILE	9	31 01 86 08	331				SA B. E. JONES	2 3 5
ADAMS	1694 CHILTON	7	32 51 86 38	590				SA R. H. M. SIMPSON	2 3 5
ADAMS	1725 BARBOUR	5	31 53 87 27	590				SA EDWARD E. POPE	3 4
ADAMS	1807 GENEVA	12	34 33 86 53	253				SA MRS. J. F. GILGIL HYNUM	3 4
ADAMS	1849 DE KALB	7	34 15 85 52	734				SA MRS. S. CUNNINGHAM	3 4
ADAMS	1865 BOULDER	5	31 18 85 06	130				SA COY THOMPSON	2 3 5
ADAMS	1860 VALDEZ	2	33 46 87 13	334				SA MRS. C. GRESHAM	2 3 5
ADAMS	2079 SUMTER	13	32 26 88 23	215				SA REUBEN P. BARRIS	3 4
ADAMS	2119 TALLAPOOSA	11	32 50 85 45	760				SA DR. W. B. PULTON	3 4
ADAMS	2124 TALLAPOOSA	11	32 50 85 46	730				MID JAY D. LANE	3 4
ADAMS	2141 PICKENS	13	32 08 87 17	237				SA T. E. SMITH	3 4
ADAMS	2149 MORGAN	12	34 25 87 04	595				SA T. A. WATKINS	2 3 5
ADAMS	2188 MORGAN	13	32 21 87 39					SA JAMES M. CREWS	2 3 5
ADAMS	2207 MORGAN	12	34 37 86 58	573				SA MRS. FRIDA TRIMBLE	2 3 5
ADAMS	2216 MORGAN	12	34 37 86 59	600				SA T. A. WATKINS	2 3 5
ADAMS	2221 MORGAN	12	34 36 86 58	588				SA T. A. WATKINS	2 3 5
ADAMS	2230 MORGAN	12	34 37 86 59	100				SA T. A. WATKINS	2 3 5
ADAMS	2232 HUNTER	5	31 14 85 26	322				MID CIVIL AERO. ADM.	2 3 5
ADAMS	2577 COPPER	10	31 25 86 04	204				SA MRS. LARIE TALBOT	3 4
ADAMS	2632 TUSCALOOSA	13	31 57 87 48	252				SA K. V. BERRY	3 4
ADAMS	2727 BARBOUR	4	31 53 85 08	254				SA BARRY E. MAUGANS	2 3 5
ADAMS	2740 BARBOUR	4	31 53 85 08	254				SA B. E. BULLOCK	2 3 5
ADAMS	2763 CONEUC	6	31 25 87 02	257				MID CIVIL AERO. ADM.	2 3 5
ADAMS	2813 BALDWIN	9	30 52 87 55	23				SA BAROLD P. VATES	2 3 5
ADAMS	2832 COVINGTON	6	31 26 86 33	23				MID U. S. FOREST SERVICE	3 4
ADAMS	2840 MORGAN	12	34 22 86 55	620				SA T. A. WATKINS	2 3 5
ADAMS	2848 WINSTON	2	34 04 87 20	850				SA U. S. FOREST SERVICE	3 4
ADAMS	2867 MADISON	12	34 36 86 34	670				SA T. A. WATKINS	2 3 5
ADAMS	2883 PAYETTE	1	33 41 87 50	359				SA LOIS V. WILLIAMS	2 3 5
ADAMS	2845 JACOBSON	14	34 42 86 41	1380				SA T. A. WATKINS	2 3 5
ADAMS	2976 LAUDERDALE	12	34 47 87 40	450				SA CORPS OF ENGINEERS	3 4
ADAMS	3024 LOWMEDE	6	31 59 86 35	520				SA MRS. ISABEL C. HUGHES	2 3 5
ADAMS	3035 BALDWIN	9	31 01 86 33	304				SA W. E. HANDLER	2 3 5
ADAMS	3043 DE KALB	7	34 26 85 43	879				SA JOHN W. PATE	3 4
ADAMS	3105 MONROE	8	31 26 87 24					SA MRS. MELIA MCKENZIE	2 3 5
ADAMS	3131 ETOWAH	14	34 03 86 00	554				SA G. E. FRYE	2 3 5
ADAMS	3160 SUMTER	13	32 49 86 09	130				SA FRANK J. FIELDS	3 4
ADAMS	3200 CULMAN	2	34 00 86 44					SA MRS. G. MC KENZIE	3 4
ADAMS	3255 GENEVA	5	31 02 85 52	107				SA REBECCA CAMPBELL	2 3 5
ADAMS	3309 COVING	7	33 04 86 03	826				SA C. PURVIS CONWAY	2 3 5
ADAMS	3430 WALDEN	13	33 07 87 13	304				SA ALABAMA POWER CO.	3 4
ADAMS	3511 BALE	2	32 42 87 36	220				SA N. HANMER COOPER	2 3 5
ADAMS	3529 GRADY	1	31 50 87 33	444				SA CECILE T. LEWIS	2 3 5
ADAMS	3524 BUTLER	6	31 50 86 33					MID CLAUDY-MON. IN.	3 4
ADAMS	3559 BALDWIN	9	30 16 87 40	10				NOON GULF STATE PARK	3 4
ADAMS	3579 BALDWIN	12	34 26 86 17	10				MID TALL-403	3 4
ADAMS	3633 MARSHALL	12	34 26 86 24	611				SA T. A. WATKINS	2 3 5
ADAMS	3620 WINSTON	2	34 14 87 38	947				SA ELMER L. SHIPMAN	2 3 5
ADAMS	3644 MARION	13	34 08 87 59	498				SA KEE COOPER	3 4
ADAMS	3697 PERCY	3	32 48 87 11	600				SA U. S. FOREST SERVICE	3 4
ADAMS	3741 LAWRENCE	1	32 17 86 25					SA MARION J. WATSON	2 3 5
ADAMS	3761 HENRY	5	31 21 85 20					SA ALA. POLY. INST.	2 3 5
ADAMS	3783 SHELBY	7	33 18 86 51					SA MRS. HELEN M. STONE	2 3 5
ADAMS	3818 CRENSHAW	6	31 57 86 19	594				SA J. E. JORDAN	2 3 5
ADAMS	3842 CLEBURNE	11	33 13 85 24					SA THOMAS J. BART	3 4
ADAMS	3859 FRANKLIN	13	34 20 87 56	845				SA FRANK L. RAYNES	3 4
ADAMS	3868 SUMTER	13	32 43 86 35	160				SA T. A. WATKINS	2 3 5
ADAMS	4069 MADISON	12	34 42 86 35	610				MID U. S. WEATHER BUREAU	2 3 5
ADAMS	4099 JACOBSON	12	34 54 86 05	1500				SA T. A. WATKINS	2 3 5
ADAMS	4192 CLARK	13	31 33 88 01	10				SA CORPS OF ENGINEERS	3 4
ADAMS	4198 TALLAPOOSA	11	32 33 86 12	475				SA ALABAMA POWER CO.	3 4
ADAMS	4209 CALHOUN	7	32 49 85 45					MID FLOY E. OWEN	3 4
ADAMS	4206 ELMORE	7	32 37 86 15	290				SA ALABAMA POWER CO.	3 4
ADAMS	4202 CHANDLER	11	32 54 85 24	430				SA CLARENCE H. FINCHER	2 3 5
ADAMS	4603 COOSA	7	32 38 86 31	820				SA ALABAMA POWER CO.	3 4
ADAMS	4619 JEFFERSON	3	33 33 86 33	636				SA MRS. MARY E. LEE	3 4
ADAMS	4627 CHEVROKE	7	34 11 85 46	589				SA RUFUS M. SEWELL	2 3 5
ADAMS	4798 SUMTER	13	32 35 86 11	160				SA P. H. HURPREE	2 3 5
ADAMS	4822 COVINGTON	6	31 01 86 22	280				SA E. E. C. YOUNG	2 3 5
ADAMS	4855 TUSCALOOSA	2	33 29 87 20	280				SA CORPS OF ENGINEERS	3 4
ADAMS	4976 JACOBSON	12	34 54 86 05	1500				SA T. A. WATKINS	2 3 5
ADAMS	4992 CLARK	13	31 33 88 01	10				SA CORPS OF ENGINEERS	3 4
ADAMS	4198 TALLAPOOSA	11	32 33 86 12	475				SA ALABAMA POWER CO.	3 4
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ADAMS	4855 TUSCALOOSA	2	33 29 87 20	280				SA CORPS OF ENGINEERS	3 4

U. S. DEPARTMENT OF COMMERCE

CHARLES SAWYER, Secretary

WEATHER BUREAU

F. W. REICHELDERFER, Chief

AGRIC

CLIMATOLOGICAL DATA

ALABAMA

ANNUAL SUMMARY 1950

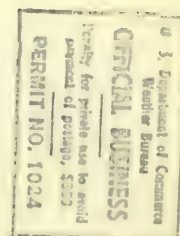
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Arthur R. Long, Section Director - Montgomery

WEATHER SUMMARY

In the year 1950, there was much abnormal weather. January this year was the warmest since State-wide records began in 1884; there were several periods of exceptionally cool weather during the summer; and all low temperature records for November were smashed. There was an exceptionally dry period from June 11th to July 3d, followed by a wet July. The first 24 to 28 days of August were also very dry over most of the State and there was an area over Montgomery and Lowndes Counties where the longest period on record for the time of year occurred without effective rain.

The very mild winter was followed by a late spring, and cotton in the north got a late start. The peach crop was poor as a result of the mild winter and late frosts. Drought in June ruined much of the early planted corn in the south, but the yield from this crop as a whole over the State was unusually large. A mild winter followed by a wet July favored boll weevil activity and the cotton crop was short. It was a good year for grazing, despite the two periods of drought in the south and early frosts in November, but screw worms were unusually numerous among cattle as a result of the lack of hard freezes during the winter of 1949-50.

JANUARY

In all sections of the State this was the warmest January ever recorded. In the north, freezing occurred on only three days, while most of the southern Division got by without temperatures as low as 32°.

Rainfall was heavy in the northwestern third, particularly in the extreme northwest, but light over most of the southeastern two thirds.

Winter field and pasture crops overcame the setback due to the late autumn drought, and were making heavy growth at the end of the month. Pear trees were then in bloom, but most deciduous trees did not bud out since they had not been dormant long enough.

Floods occurred in the Warrior and Tombigbee Rivers, but damage was not important.

FEBRUARY

The exceptionally mild temperatures which prevailed during January continued through the second week of February. After the 14th, temperatures averaged near normal with a slight rising trend and with daily fluctuations only moderate. Rainfall was moderately heavy in the northwestern quarter of the State, but rather light over the other sections.

Except most deciduous trees, vegetation became abnormally advanced. Growth was retarded by frosts during the last half, but there continued to be good grazing for cattle in most areas.

Field work was late getting underway in much of the north, due to wet soil.

Heavy hail occurred at Decatur on the 6th, and in three other widely separated areas on the 25th. Thundersquall damage was reported at Pushmataha on the 13th.

There was continued flooding in the lower Tombigbee.

MARCH

The month was cooler than February of this year, but no unusual extremes of temperature occurred and the normal upward trend was followed. A heavy rainstorm on the 12th produced from 4 to 5 or more inches of precipitation over the northwestern half of the Northern Division. Precipitation for the month was otherwise lighter than normal, except in the Southern Division, where rather heavy totals were reported.

Little had been accomplished in field work over much of the north during the first three months on account of continued wet soil. Pasturage continued better than normal despite a few frosts.

Considerable damage was done by thundersquall winds in scattered localities of southeast Alabama on the 8th. In Walker County on the 12th, 200 houses were damaged by wind and hail. On the 13th, wind uprooted many trees and did a small amount of other damage in the Montgomery area. A general high wind on the 27th caused some roof and tree damage over wide areas of the State.

There was moderate flooding in the upper Coosa at the middle of the month and the lower Tombigbee remained in flood most of the time.

APRIL

April was cool, the temperature fluctuated considerably, and there were some unusually late frosts. Rainfall was light over all the State except in portions of the south where some rather heavy rain fell on the 3d and 4th to bring the month's totals up to near normal or slightly above.

Farmers in the north got a late start preparing land for summer crops due to wet soil, but as the month ended, cotton planting was 75% complete in that area, cool weather was unfavorable for germination, and much had to be re-planted. Pastures were held back by frosts and drying soil, and were not up to normal. Frost did considerable damage to tender truck crops.

A tornado occurred in Mobile County on the 18th.

MAY

Temperatures ran somewhat above normal. Rainfall was unequally apportioned among the different sections, but was light over nearly all the Southern Division.

Farm work progressed normally, but planting was finished somewhat late in the north. Crops made good growth, and pastures were good. Boll weevils in large numbers made an early appearance in cotton.

Damage by hail occurred on the 14th in Pickens and Tuscaloosa Counties and in Montgomery County. Lightning killed a boy about 30 miles south of Montgomery. A thundersquall damaged two barns in Bullock County on the 30th.

JUNE

For the State as a whole, the first ten days averaged wet and cool, and the remainder warm and dry.

The scarcity of rain after the 10th was becoming serious over about two thirds of the State at the end of the month.

The dry weather of the last 20 days was very favorable for harvesting small grains and miscellaneous seed crops, and for saving hay, and it permitted farmers in the north to catch up with field work. Early corn in the south was damaged greatly by insufficient moisture, however, and vegetable crops and pastures in the dry areas deteriorated considerably.

Lightning killed two men and two mules in Marshall County on the 20th.

JULY

July was wet, with temperatures rather mild for the time of year. Exceptionally low minima were recorded on the morning of the 1st.

Farm crops and pasture grasses grew rapidly, but the rains came too late to save early corn in the south which was in the fruiting stage during the June drought which ended after July 3rd. It was an unfavorable month for cotton because the wet weather greatly promoted boll weevil activity.

There was a death by lightning at Leeds on the 14th and at Roanoke on the 21st. Lightning damage was reported at Talladega also on the 21st.

AUGUST

Despite a long dry spell over nearly half the State during the first 24 days, temperatures averaged lower than normal, and two exceptionally cool spells occurred.

In the south central interior portion and in the extreme southeast, little effective rain fell during the first 24 days. In much of Montgomery and Lowndes Counties, rainfall during the first 28 days ranged from only a trace to a small fraction of an inch, and it was the longest period on record in this area during August with so little rain. A gulf storm brought general rain, with mostly heavy accumulations, on the 30th and 31st.

Since there were heavy rains late in July, not much serious damage was done by drought, and the dry weather was favorable for drying hay.

Five persons were killed by lightning in three localities on the 16th, and some thundersquall damage was reported near Mobile on that date.

Considerable damage was done in southwest Alabama late on the 30th by the hurricane which moved northward along the Alabama-Mississippi line.

SEPTEMBER

This September was cooler and wetter than normal, but there were some localities, especially in the south, where rainfall after the first three or four days was very light. There was a heavy rainstorm over the Montgomery area on the 29th, which occurred under very unusual circumstances, and is considered of academic interest.

Wet weather in late August and early September was not favorable for harvesting, and considerable hay was lost, but the ground was left in fine condition for fall planting. Pastures and other vegetation held up well.

There was light flooding in the Choctawhatchee River on the 1st, and in the upper Coosa following rain on the 7-8th.

OCTOBER

The month was warm and dry. Rainfall, nearly all of which fell between the 19th and 23rd, averaged 62% of normal.

The dry weather was favorable for harvesting, but the lack of soil moisture prior to the 20th was not favorable for the germination and growth of newly planted winter grains and legumes. These crops were making good progress as the month ended, however.

NOVEMBER

Record breaking low temperatures over the entire State on the 25th makes November 1950 outstanding. Fourteen persons were known to have died as a result of this cold, and extensive damage was done to automobile radiators and water pipes. A cycle of pronounced temperature changes ran throughout the month, and scattered frosts appeared in most sections as early as the 5th or 6th.

Precipitation was moderately heavy in the extreme northwest corner of the State, but grade off lighter toward the southeast, so that in the southeastern half totals were mostly from a half inch to an inch and a half.

Dry soil and frosts made grazing very short. Appreciable damage was done to winter legumes, particularly lupine, by the severe freeze, and winter collards were practically wiped out in the north.

DECEMBER

December was characterized by moderate rainfall and frequent frosts and freezes, so that the wild pasture grasses and weeds that normally persist in growing were not able to put out any after being completely killed to the ground in November. Little field work was accomplished during the month except some plowing in the south and making preparations for planting Irish potatoes on the coast.

---- FCP ----

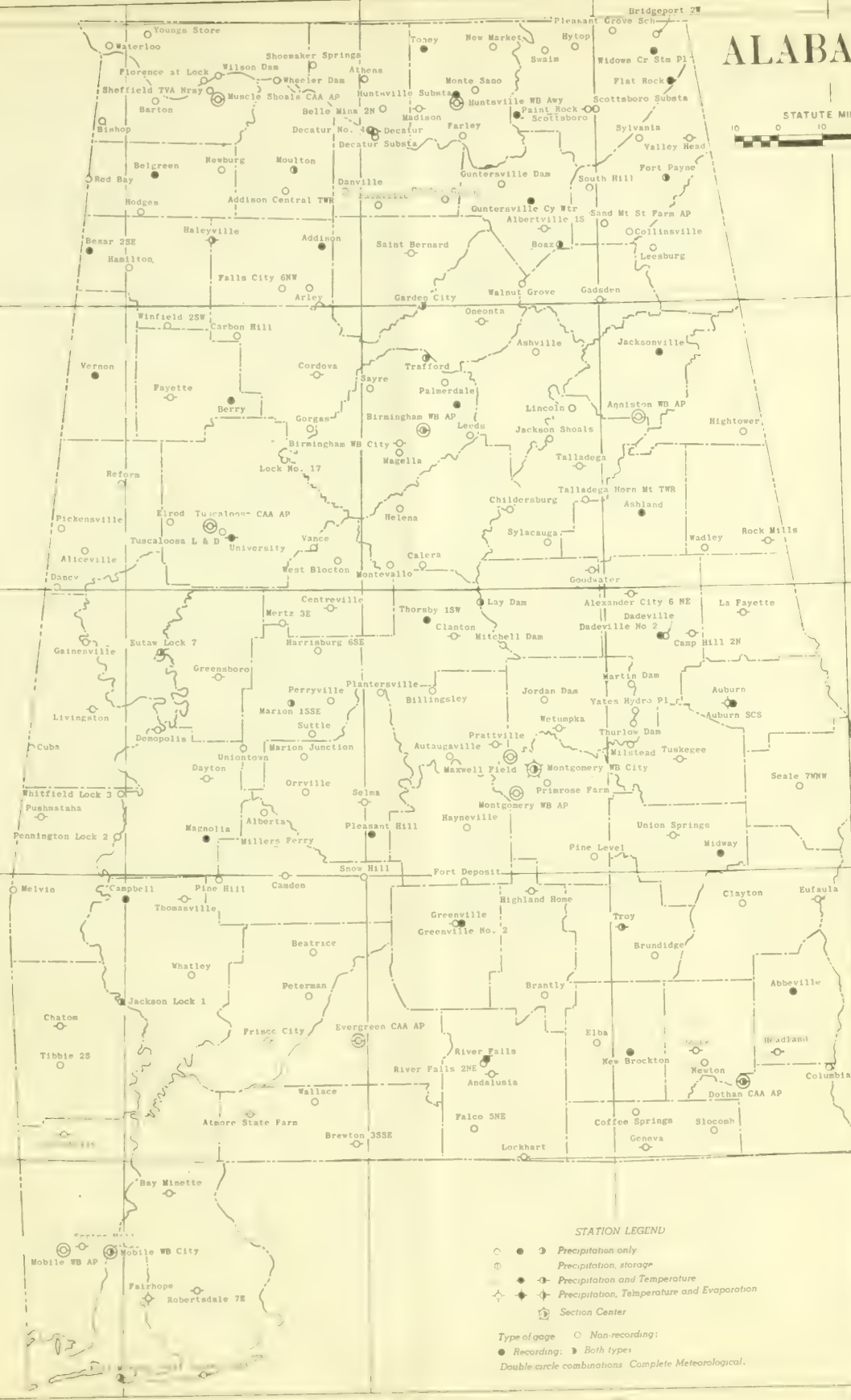
ACKNOWLEDGMENTS

In addition to the climatological data from some 6,000 Weather Bureau and cooperative weather stations, this bulletin series contains records from Hydroclimatic Network Stations which were formerly reproduced in the Hydrologic Bulletin Series. The Hydroclimatic Network is a nationwide net of rain gages--mostly of the recording type which produce continuous records of precipitation. It was established in 1939 at the request of the Corps of Engineers, Department of the Army, to supplement existing precipitation stations in order to provide records of rainfall intensity which were essential to the planning of flood control and related works by the Corps of Engineers. This Network, now numbering about 2,000 recording, and 1,000 non-recording rain gages, has been maintained by the Weather Bureau through working funds transferred annually to the Weather Bureau by the Corps of Engineers. These transfers averaged about \$250,000 per year between 1940 and 1944, and nearly \$375,000 since that date. For the years 1940-42, the Department of Agriculture transferred about \$100,000 per year to provide data required in its work, and since 1947 the Bureau of Reclamation has transferred about \$25,000 per year to meet the increasing needs of their program in the Western States.

Previous to the introduction of this bulletin series, data from Hydroclimatic Network stations were presented in bulletins (Hydrologic Bulletins) which were issued monthly for each of 8 drainage areas embracing the entire United States, but since the Network was established to meet the internal requirements of the Federal agencies referred to above, no provision was made for public dissemination of the data, distribution being limited to cooperating agencies and to certain public repositories. A list of locations where reference copies of the Hydrologic Bulletin Series are available for inspection may be obtained upon application to Chief, U.S. Weather Bureau, Washington 25, D. C.

Many other records published in this bulletin have been made available through the cooperation of various public offices, private agencies, and individuals as listed in the Station Index.

ALABAMA



STATION LEGEND

- ● ◐ Precipitation only
- ◐ ◑ Precipitation, storage
- ◑ ◒ Precipitation and Temperature
- ◒ ◓ Precipitation, Temperature and Evaporation
- ◓ Section Center
- Type of gage ○ Non-recording;
- Recording; ◐ Both types
- Double circle combinations Complete Meteorological.



AVERAGE TEMPERATURES AND DEPARTURES FROM NORMAL

ALABAMA
1946

Table!

Station	January		February		March		April		May		June		July		August		September		October		November		December		Annual	
	Temp	Departure	Temp	Departure	Temp	Departure	Temp	Departure	Temp	Departure	Temp	Departure	Temp	Departure	Temp	Departure	Temp	Departure	Temp	Departure	Temp	Departure	Temp	Departure	Temp	Departure
ALBERTVILLE 1 S	55.4	11.7	50.3M	4.7	48.6	- 3.4	58.0M	- 2.1	71.9M	3.0	75.2	- 1.5	76.5	- 2.4	75.2M	- 3.0	70.0M	- 2.7	63.0M	- .7	44.1M	- 6.9	36.3M	- 8.0	60.1	- .8
ALEXANDER CITY 6 NE	59.3	-	54.1	-	53.2	-	59.4	-	73.4	-	76.2	-	77.1	-	75.2M	-	70.5	-	64.7	-	53.1	-	46.5	-	62.6	-
ANDALUSIA	64.9	-	58.2	-	56.8	-	62.5	-	76.1	-	80.9	-	78.6	-	79.6	-	75.1	-	68.7	-	46.1	-	39.2	-	61.8	-
ANNISTON CAA AP	57.7	-	51.1	-	50.9	-	57.7	-	72.9	-	76.6	-	77.4	-	76.0	-	71.5	-	64.8	-	54.8	-	46.2M	-	67.9	-
ATMORE STATE FARM	66.5	-	60.0	-	57.7	-	63.8	-	77.4	-	81.2	-	79.2	-	81.1M	-	75.8	-	69.7	-	-	-	-	-	-	-
AUBURN	58.9	10.7	53.1	1.9	51.5	- 4.9	57.4	- 6.7	73.0	1.4	78.5	- 6.7	77.4	- 2.5	77.8	- 1.6	71.9	- 4.2	67.2	1.1	48.8	- 6.7	41.2	- 7.9	63.0	- 1.6
RAY MINETTE	55.9	13.0	59.5	4.1	56.6	- 3.5	63.2	- 3.7	76.3	3.0	80.2	- 6.7	78.4	- 2.1	80.0	- 4.7	75.9	- 1.5	69.8	- 8.5	53.1	- 4.6	48.9	- 4.6	67.5	- .1
BELLE MINA 2 N	54.2M	-	49.8M	-	50.4	-	58.1M	-	72.7	-	75.6	-	77.6	-	74.5M	-	70.0	-	63.2	-	45.3M	-	38.7	-	60.9	-
BIRMINGHAM WB AP	58.9	16.1	52.4	5.9	51.9	- 1.9	59.1	- 2.6	73.6	4.3	76.8	- 0.7	77.6	- 2.2	76.7	- 1.7	71.8	- 1.4	65.8	3.4	47.2	- 4.2	39.9	- 4.2	62.6	- .9
BIRMINGHAM WB CITY	80.0	14.9	55.4	7.4	55.3M	- 1.6	61.1	- 2.2	75.2	4.1	78.7	- 8.8	78.9	- 1.3	78.5	- 7.7	73.5	- 1.3	69.0	4.2	51.0	- 2.9	43.0	- 3.4	65.0	- 1.7
BRENTON 3 SSE	65.1	15.6	57.6	4.1	56.4	- 1.8	61.3	- 3.9	74.8	2.4	79.0	- 2.7	78.1	- 3.0	79.6	- 1.0	75.1	- 1.9	67.5	- 8.5	52.0	- 4.7	47.2	- 4.4	66.1	- .2
CAMDEN	-	-	58.2	-	55.4	-	62.3	-	75.8	-	80.0	-	79.4	-	80.0	-	74.4	-	68.7	-	52.8	-	45.0	-	-	-
CAMP HILL 2 NW	58.4	-	53.0M	-	52.5	-	58.1	-	72.6M	-	75.7	-	76.2	-	76.2	-	79.8	-	74.3	-	52.2	-	40.2	-	65.6	- 1.6
CENTREVILLE	62.6M	16.0	56.7	7.2	55.5M	- 6.6	61.7M	- 1.7	77.5	7.0	81.1	- 2.6	80.4	- 2.7	79.8	- 8.8	74.9	- 1.9	68.3	3.3	49.9	- 3.9	40.3	- 7.4	65.7	-
CHATON	63.9	-	57.7	-	55.5	-	61.1	-	75.0	-	78.0	-	77.9	-	78.8	-	74.9	-	67.2	-	52.2	-	46.1	-	65.7	-
CITRONELLE	65.5	13.0	60.1	5.6	57.1	- 3.8	63.3	- 3.2	76.3	2.7	79.5	- 2.7	78.7	- 2.2	80.0	- 1.0	76.2	- 1.7	70.4	1.5	55.9M	- 3.4	48.7	- 4.6	67.6	- .2
CLAYTON	59.3	12.8	53.0	3.0	52.1	- 3.6	58.9	- 3.9	74.3	3.8	78.7	- 6.7	79.0	- 1.1	77.6	- 2.3	72.0	- 3.5	65.5	1.3	47.5	- 6.1	40.2	- 6.2	63.2	- .3
CORDOVA	59.7	14.7	52.7	6.7	53.7	- 2.1	59.6M	- 2.1	74.2	4.6	78.3	- 1.4	81.3M	- 2.0	76.0M	- 3.4	72.2	- 2.2	65.6	2.5	48.5	- 4.0	41.7	- 3.3	63.6	- 1.2
DAYTON	63.4	-	58.6M	-	57.0	-	62.8	-	76.0	-	80.0	-	79.6	-	79.3M	-	74.1	-	68.2	-	52.4	-	43.8	-	66.3	-
DECATUR	55.9	13.5	50.5	6.3	51.1	- 2.0	58.4	- 3.4	72.8	2.6	76.5	- 1.4	78.1	- 2.2	76.3	- 3.0	71.5	- 2.6	66.7	4.5	47.6	- 3.3	39.4	- 6.1	62.1	- .3
DOTY CAA AIRPORT	55.0	-	58.1	-	55.8	-	62.8	-	77.2	-	81.4	-	79.5	-	80.2	-	75.4	-	69.4	-	52.5	-	46.3	-	67.0	-
ETHEL	63.5	15.2	57.4	7.4	56.1	- 1.3	61.7	- 2.8	75.5	2.8	81.1	- 1.9	79.1	- 1.7	79.6	- 4.7	74.9	- 1.4	67.8	2.1	-	-	44.5	-	4.6	-
ETHELGREEN	65.7M	15.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ETHELGREEN CAA AP	63.8	13.2	56.4	4.5	54.5	- 3.6	60.2	- 5.5	75.0	2.1	79.2	- 2.7	78.2	- 2.5	78.5	- 2.3	73.6	- 3.7	66.7	- 6.0	50.0	- 6.8	44.9	- 6.0	65.1	- .9
FAYETTE	64.0	10.8	57.3	1.6	54.4	- 3.7	61.9	- 4.5	75.6	2.6	79.6	- 3.7	79.0	- 1.9	80.1	- 6.7	75.8	- 2.4	69.0	- 6.5	54.6	- 4.2	49.4	- 5.0	66.7	- .8
FAYETTE	57.0	-	50.5	-	51.1	-	57.7	-	72.7	-	75.9	-	76.8	-	75.1	-	70.7	-	64.9	-	46.1	-	38.5	-	61.4	-
FORT MORGAN	66.1	-	62.0	-	58.5	-	64.8	-	77.5	-	81.6	-	80.8	-	81.9	-	78.6	-	-	-	58.2M	-	52.4	-	-	-
FRISCO CITY	65.1M	-	57.8	-	55.3	-	62.0	-	75.8	-	79.9	-	78.6	-	80.0	-	74.6	-	68.7	-	52.2	-	46.0	-	66.4	-
GADSDEN	54.6	11.0	49.2	4.1	49.7	- 3.9	57.0	- 4.5	72.3	2.6	76.4	- 1.0	77.0	- 3.0	76.1	- 3.2	70.7	- 4.3	64.2	1.0	45.3	- 6.4	37.8	- 6.7	60.9	- 1.2
GENEVA	65.2	-	58.6	-	57.1	-	62.6	-	76.4	-	80.3	-	78.3	-	79.9	-	75.4	-	68.9	-	52.4	-	46.6	-	66.8	-
GOODWATER	57.5	11.8	52.6	5.5	51.7	- 3.7	58.0M	- 4.3	73.4	2.8	77.2	- 6.7	77.6	- 2.2	76.9	- 2.4	71.5	- 4.0	66.1	1.6	47.9	- 6.1	39.8	- 6.5	62.5	- .7
GREENSBORO	61.6	14.7	56.8	7.2	54.9	- 1.7	61.3	- 2.8	75.5	3.4	79.7	- 6.7	78.6	- 1.0	79.5	- 7.7	73.8	- 2.3	69.4	4.2	52.3	- 2.7	44.4	- 4.0	65.7	- 1.2
GREENVILLE	64.6	15.7	58.2	8.0	56.0	- 2.5	62.6	- 2.7	76.8M	3.5	80.3	- 6.7	78.4	- 1.5	78.9	- 1.6	73.4	- 3.3	67.8	1.8	52.8	- 3.2	44.2M	- 5.0	66.2	- .9
HALLSVILLE	56.0	-	50.7M	-	50.7	-	57.0	-	71.5	-	73.7	-	75.8	-	73.1	-	68.6	-	65.6	-	46.9	-	39.5	-	60.8	-
HEADLAND	-	-	-	-	-	-	62.7M	-	77.0	-	80.9	-	78.8	-	79.5	-	74.4	-	68.8	-	52.8M	-	47.0	-	-	-
HIGHLAND HOME	64.3	14.2	58.4	6.6	55.9	- 3.3	61.4	- 3.7	75.0	2.5	79.0	- 3.7	78.0	- 2.0	78.4	- 1.3	73.7M	- 3.0	68.8	1.5	53.4	- 3.7	45.2	- 5.4	65.9	- .2
HUNTSVILLE WB APT	54.9	-	47.7	-	49.1	-	56.1	-	71.7	-	75.5	-	77.7	-	75.5	-	70.3	-	64.7	-	44.7	-	37.6	-	60.5	-
LAFAYETTE	59.4	-	54.2	-	53.0	-	59.6	-	73.4	-	76.8	-	76.8	-	76.8	-	71.6	-	66.4	-	49.7	-	42.1	-	63.3	-
LINCOLN	59.1M	-	52.8M	-	51.0	-	58.3	-	73.0	-	76.7	-	76.8	-	76.8	-	71.6	-	66.4	-	49.7	-	42.1	-	63.3	-
LIVINGSTON	61.7	16.3	56.6	8.2	55.1	- 1.2	60.6	- 2.9	75.1	3.1	78.7	- 3.7	78.9	- 2.3	78.7	- 2.0	73.6	- 1.8	67.6	3.9	51.1	- 2.1	43.6	- 2.7	65.1	- 1.3
LOCHART	65.2	-	58.7	-	56.9	-	62.2	-	75.9	-	80.4	-	78.2	-	79.7	-	75.5	-	69.1	-	53.8	-	47.6	-	66.9	-
MADISON	55.9	13.7	49.1	4.9	48.8	- 4.1	57.5	- 3.3	73.4	4.0	76.6	- 4.7	78.6	- 1.2	76.3M	- 2.9	71.3	- 3.4	-	-	45.5	-	5.7	38.1	- 5.3	-
MARION JUNCTION 2 N	-	-	-	-	54.0M	-	60.8	-	75.0	-	78.7M	-	79.2	-	78.5M	-	73.7	-	67.5	-	50.8	-	42.9	-	-	-
MATHELL FIELD	63.0	-	56.7	-	55.6	-	62.2	-	77.3	-	81.5	-	81.2	-	80.9	-	75.4	-	69.3	-	51.0	-	43.5	-	66.5	-
MOBILE WB AIRPORT	64.6	-	59.0	-	56.1	-	62.5	-	76.1	-	80.2	-	79.0	-	80.7	-	76.8	-	70.3	-	54.1	-	48.9	-	67.4	-
MOBILE WB CITY	65.2	13.7	60.0	5.3	57.2	- 2.5	63.4	- 2.9	77.3	2.9	81.8	- 1.5	80.5	- .8	81.5	- .6	77.2	- .9	70.6	1.3	55.2	- 3.3	49.6	- 2.6	68.3	- 1.0
MONTGOMERY WB AP	62.1	-	56.0	-	53.7	-	60.7	-	75.7	-	79.8	-	79.4	-	79.7	-	74.2	-	68.4	-	50.0	-	43.2	-	65.2	-
MONTGOMERY WB CITY	62.8	14.6	57.1	5.5	55.2	- 2.6	61.9	- 3.4	76.2	2.8	80.4	- 8.7	79.7	- 2.0	79.9	- .9	74.6M	- 1.7	69.5	2.9	52.0	- 3.8	44.3	- 5.1	66.1	- .6
MUSCLE SHOALS CAA A	53.9	12.0	48.5	5.3	50.4	- 1.9	57.8	- 3.1	72.4	3.2	76.7	- 4.7	78.1	- 1.5	75.6	- 3.3	70.5	- 3.5	65.4	3.6	45.5	- 5.1	38.1	- 4.9	61.0	

TOTAL PRECIPITATION AND DEPARTURES FROM NORMAL

ALABAMA
1950

Table 2

Station	January		February		March		April		May		June		July		August		September		October		November		December		Annual	
	Precip	Departure	Precip	Departure	Precip	Departure	Precip	Departure	Precip	Departure	Precip	Departure	Precip	Departure	Precip	Departure	Precip	Departure	Precip	Departure	Precip	Departure	Precip	Departure	Precip	Departure
ABBEVILLE	1.86	-	3.28	-	5.71	-	4.41	-	2.70	-	4.66	-	6.50	-	3.79	-	3.34	-	1.30	-	7.9	-	4.80	-	43.14	-
ADDISON	10.09	-	7.70	-	8.21	-	3.58	-	2.84	-	5.17	-	8.84	-	8.89	-	-	-	1.34	-	-	-	2.10	-	-	-
ADDISON CMTL TOWER	10.74	-	6.52	-	7.88	-	2.60	-	3.35	-	5.36	-	8.55	-	6.47	-	-	-	1.55	-	3.10	-	2.92	-	-	-
ALBERTA	3.33	-	3.48	-	5.02	-	3.80	-	7.80	-	2.89	-	9.63	-	5.01	-	2.54	-	2.07	-	4.4	-	6.14	-	52.15	-
ALBERTVILLE 1 S	7.21	2.06	3.36	-1.52	9.13	2.84	2.73	-1.93	4.42	21	-	5.47	4.6	4.21	20	3.42	25	1.31	-1.96	2.41	-1.31	4.02	1.34	-	-	-
ALEXANDER CITY 6 NE	3.43	-	4.81	-	6.02	-	2.48	-	3.07	-	3.20	-	6.52	-	3.58	-	6.10	-	1.96	-	-	-	4.15	-	-	-
ALICEVILLE	10.18	-	-	-	4.87	-	-	-	3.85	-	3.13	-	7.77	-	4.20	-	6.15	-	3.39	-	-	-	3.28	-	-	-
ANDALUSIA	2.16	-	2.40	-	7.21	-	3.51	-	2.97	-	1.90	-	8.45	-	7.62	-	2.13	-	1.13	-	1.68	-	4.61	-	45.77	-
ANNISTON CAA AP	4.50	- .65	4.43	-1.00	-	-	1.99	-2.38	3.59	32	5.19	1.07	6.93	-	3.51	54	6.06	2.39	2.31	31	1.88	-1.36	2.35	-2.71	-	-
ARLEY	10.92	-	7.57	-	8.65	-	3.72	-	6.49	-	6.83	-	6.93	-	7.50	-	2.58	-	3.00	-	2.92	-	3.50	-	70.61	-
ASHLAND	3.17	-	5.66	-	8.55	-	2.39	-	5.07	-	3.25	-	8.15	-	3.62	-	4.90	-	3.61	-	1.20	-	2.88	-	52.45	-
ASHVILLE	4.47	- .98	3.29	-1.78	9.57	3.47	2.83	-2.07	3.75	40	4.34	07	10.81	5.60	4.24	42	4.05	60	2.83	-27	2.25	-1.04	2.21	3.39	54.64	- .75
ATHENS	14.25	-	7.31	-	8.61	-	2.70	-	3.87	-	4.34	-	7.31	-	8.75	-	2.51	-	.84	-	2.78	-	3.04	-	66.51	-
ATMORE STATE FARM	1.32	-	1.97	-	7.80	-	6.41	-	1.83	-	2.42	-	13.39	-	7.12	-	3.29	-	2.78	-	7.5	-	3.98	-	53.06	-
AUBURN	2.79	-1.81	3.44	-2.01	6.51	6.6	3.20	-1.27	2.83	-71	2.57	-1.49	7.29	1.97	2.32	-2.53	3.21	11	1.41	-1.47	8.4	-2.27	4.41	-1.19	40.82	-12.01
AUBURN SCS 10	2.63	-	3.38	-	6.25	-	3.73	-	2.43	-	2.60	-	6.66	-	3.68	-	2.21	-	1.47	-	99	-	4.34	-	40.37	-
AUTAGAVILLE	-	-	3.63	-	4.95	-	4.03	-	7.43	-	3.62	-	16.02	-	7.78	-	4.72	-	1.34	-	1.02	-	5.19	-	-	-
BARTON	17.06	-	10.50	-	8.26	-	4.04	-	3.29	-	4.53	-	5.60	-	7.08	-	2.36	-	1.35	-	3.38	-	3.57	-	7.06	-
BAY MINETTE	1.77	-2.76	1.53	-4.25	8.59	2.97	8.26	3.18	1.88	2.79	3.45	-1.95	16.28	7.88	9.09	2.95	1.46	-3.04	2.55	-1.80	1.03	-1.87	5.95	68	63.84	-80
BEATRICE	-	-	2.71	-	5.68	-	3.48	-	-	-	-	-	11.41	-	2.97	-	2.85	-	1.50	-	-	-	-	-	-	-
BELGREEN	12.15	-	8.87	-	7.33	-	3.12	-	5.49	-	4.29	-	10.51	-	10.35	-	1.69	-	1.37	-	5.89	-	2.85	-	73.91	-
BELLE MINA 2 W	10.57	-	7.03	-	9.16	-	3.37	-	4.06	-	3.74	-	7.58	-	6.94	-	2.91	-	1.53	-	3.90	-	1.70	-	61.49	-
BERRY	-	-	-	-	9.44	-	5.02	-	4.81	-	3.12	-	5.33	-	9.36	-	-	-	1.82	-	2.45	-	2.92	-	-	-
BEKAR 2 SE	10.61	-	8.60	-	7.10	-	1.34	-	6.43	-	6.43	-	2.85	-	6.36	-	3.65	-	7.8	-	-	-	2.46	-	-	-
BILLINGSLEY	2.50	-	3.02	-	-	-	2.91	-	5.54	-	1.90	-	12.37	-	5.98	-	3.59	-	1.59	-	-	-	-	-	-	-
BIRMINGHAM WB AP	4.51	-1.01	4.28	- .78	5.47	1.23	1.97	-2.84	4.55	60	4.97	51	13.70	8.53	5.49	1.23	2.50	88	2.41	01	1.69	-1.62	3.92	-1.22	55.46	2.28
BIRMINGHAM WB CITY	5.43	- .09	4.31	- .75	5.67	1.03	2.33	-2.48	4.13	18	5.57	1.11	10.16	4.99	6.40	2.14	4.07	69	4.00	1.58	1.88	-1.43	3.46	-1.68	57.41	4.23
BISHOP	12.55	-	9.06	-	8.16	-	2.38	-	8.31	-	2.45	-	5.75	-	7.48	-	4.62	-	1.38	-	4.36	-	-	-	70.04	-
BOAZ	7.86	-	3.92	-	9.82	-	1.54	-	4.54	-	4.99	-	7.43	-	4.58	-	-	-	1.54	-	1.97	-	3.65	-	-	-
BRANTLY	1.37	-3.15	3.05	-2.61	4.82	1.98	6.06	1.66	1.27	2.68	-	7.08	9.4	6.30	1.42	2.62	85	63	-2.00	1.24	-2.40	4.35	55	-	-	-
BREITON 3 SSE	3.08	-1.62	-	-	6.59	1.55	7.04	2.60	2.18	1.97	2.63	-2.67	17.13	10.28	6.86	65	1.60	-3.00	1.83	-1.24	48	-2.55	4.14	76	-	-
BRIDGEPORT 2 W	-	-	6.32	1.48	8.60	2.64	-	-	3.75	43	3.90	-	27	9.98	5.09	4.20	14	7.02	4.37	1.95	-1.30	2.66	66	2.46	-2.91	-
BRUNDRIDGE	1.97	-2.60	3.89	-1.66	6.45	6.6	4.48	23	1.70	1.65	1.20	-3.33	10.79	5.31	6.82	1.45	2.75	78	1.34	-1.31	1.01	-1.72	4.70	25	47.10	-5.65
BURTON	3.32	-1.56	4.13	-1.08	5.90	2.29	3.24	-1.28	5.71	2.37	2.06	-2.08	10.95	5.22	4.82	0.6	2.79	35	2.34	3.59	90	-2.31	2.75	-2.52	48.91	-4.41
CAMDEN	-	-	3.33	-	4.91	-	3.26	-	3.20	-	1.75	-	8.06	-	3.22	-	2.01	-	1.91	-	65	-	6.02	-	-	-
CAMPBELL	2.86	-	3.25	-	5.68	-	3.19	-	4.46	-	1.84	-	7.57	-	3.35	-	-	-	1.29	-	78	-	6.00	-	-	-
CAMP HILL 2 NW	2.71	-	4.50	-	5.45	-	4.92	-	4.48	-	2.66	-	11.81	-	2.69	-	2.70	-	1.27	-	66	-	3.91	-	47.76	-
CARBON HILL	12.77	-	8.36	-	11.38	-	-	-	4.38	-	5.28	-	10.07	-	7.52	-	4.29	-	2.40	-	-	-	-	-	-	-
CENTER GROVE	8.39	-	6.89	-	8.82	-	3.11	-	4.18	-	4.36	-	6.61	-	5.14	-	3.37	-	1.54	-	2.66	-	3.25	-	58.32	-
CENTREVILLE	3.39	-1.98	3.66	-1.80	6.14	1.01	2.00	-3.08	7.76	3.69	4.16	-10	10.98	5.18	3.89	-1.17	4.36	1.40	2.16	69	1.57	-1.60	3.38	2.17	53.45	-2.40
CRATON	3.00	-	3.76	-	5.53	-	3.42	-	2.64	-	4.26	-	10.07	-	5.95	-	3.12	-	1.41	-	81	-	3.66	-	47.63	-
CHILDERSBURG	3.84	-	4.26	-	5.12	-	1.68	-	5.50	-	2.77	-	8.32	-	2.20	-	3.17	-	2.28	-	81	-	2.54	-	42.49	-
CITRONELLE	4.31	- .79	3.80	-2.25	7.39	1.15	6.32	91	3.21	1.65	4.46	92	20.15	13.58	8.93	2.43	5.31	41	2.46	87	93	-2.34	7.53	1.99	75.80	11.65
CLANTON	2.36	-2.84	3.21	-4.00	5.76	1.08	3.38	-1.22	5.18	1.34	2.78	1.31	12.10	6.30	7.26	2.72	3.91	92	1.74	88	84	-2.45	4.37	1.09	54.89	1.01
CLAYTON	1.86	-2.67	3.39	-2.19	5.03	1.69	3.47	- .71	4.11	70	-	4.38	1.39	5.41	38	2.54	87	2.15	37	1.13	-1.82	3.89	-1.27	-	-	-
COFFEE SPRINGS	3.00	-1.37	2.40	-3.36	7.00	1.96	5.70	93	2.60	1.34	3.20	89	7.60	1.05	6.70	2.17	2.80	-1.77	7.0	2.04	1.00	-1.91	4.20	- .71	46.90	-7.28
COLLINSVILLE	7.05	-	3.85	-	9.92	-	2.44	-	4.12	-	6.26	-	11.07	-	8.21	-	7.28	-	1.34	-	3.07	-	2.99	-	67.60	-
COLUMBIA	1.80	-	1.97	-	8.37	-	5.01	-	4.36	-	3.06	-	5.99	-	6.96	-	2.36	-	1.28	-</						

Table 2-Continued

TOTAL PRECIPITATION AND DEPARTURES FROM NORMAL

ALABAMA
1950

Station	January		February		March		April		May		June		July		August		September		October		November		December		Annual	
	Precip	Departure	Precip	Departure	Precip	Departure	Precip	Departure	Precip	Departure	Precip	Departure	Precip	Departure	Precip	Departure	Precip	Departure	Precip	Departure	Precip	Departure	Precip	Departure	Precip	Departure
JORDAN DAM	3.00	-	4.12	-	4.85	-	4.70	-	4.35	-	1.32	-	13.90	-	2.80	-	6.39	-	1.47	-	.96	-	4.92	-	52.88	-
LAFAYETTE	2.46	-	3.02	-	5.59	-	3.84	-	3.17	-	3.81	-	8.03	-	4.03	-	3.05	-	3.02	-	.57	-	4.18	-	44.79	-
LAY DAM	2.78	-	4.60	-	4.81	-	2.66	-	5.32	-	3.26	-	10.75	-	2.87	-	4.10	-	1.33	-	.95	-	-	-	-	-
LEEDS	5.87	.52	3.86	-1.59	4.92	-.98	2.17	-2.64	5.29	1.17	3.50	-.52	13.16	6.93	4.45	.11	4.38	1.31	4.31	1.24	1.60	-1.94	2.67	-2.93	56.18	.46
LEESBURG	5.48	.32	4.21	-1.12	9.59	3.42	2.90	-1.75	4.69	.88	4.27	.25	13.11	7.76	4.44	.38	5.10	2.13	2.23	-1.00	2.02	-1.39	2.82	-2.96	60.66	8.92
LINCOLN	5.00	-	-	-	-	-	1.78	-	3.52	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
LIVINGSTON	4.77	.24	4.87	.21	6.81	1.57	3.83	-.67	5.36	1.72	3.85	-.55	7.74	2.29	4.03	.41	6.43	4.01	1.73	-.60	2.96	-.03	5.78	.37	58.16	8.97
LOCKBART	4.39	-	1.94	-	6.80	-	6.21	-	3.08	-	2.52	-	10.67	-	8.78	-	2.74	-	1.20	-	1.88	-	3.96	-	54.17	-
LOCK NO 1	2.91	-2.11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
LOCK NO 2	3.51	-1.63	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
LOCK NO 3	2.45	-2.08	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
LOCK NO 17	5.94	-	4.25	-	6.63	-	3.82	-	3.09	-	3.09	-	7.60	-	5.48	-	4.36	-	2.15	-	3.10	-	3.63	-	53.14	-
MADISON	9.76	5.13	5.77	1.19	7.82	2.09	2.74	-2.09	3.42	-.57	4.58	.32	8.15	3.53	5.45	1.66	4.48	1.47	-	-	3.42	-.10	2.17	-3.19	-	-
MAGELLA	5.32	-	3.86	-	5.71	-	2.44	-	3.60	-	4.17	-	9.70	-	6.78	-	3.80	-	4.15	-	1.97	-	3.75	-	55.25	-
MAGNOLIA	2.53	-	4.88	-	4.84	-	5.41	-	5.52	-	1.87	-	8.65	-	4.21	-	1.42	-	1.96	-	.61	-	5.74	-	47.64	-
MARION 1 SSE	2.82	-2.23	3.36	-2.05	4.58	-.82	1.99	-2.19	5.23	1.35	2.95	-.46	8.41	3.12	3.35	-1.21	5.79	3.05	2.05	-.34	1.21	-1.60	4.96	-.33	46.70	-3.71
MARION JUNCTION	2.67	-	2.98	-	5.01	-	2.80	-	6.31	-	5.85	-	10.25	-	3.69	-	2.24	-	1.72	-	.61	-	4.94	-	49.07	-
MARION JUNCTION 2 M	2.87	-	3.94	-	4.80	-	6.28	-	3.87	-	3.87	-	10.35	-	2.69	-	2.83	-	1.67	-	.69	-	4.88	-	-	-
MARTIN DAM	2.12	-2.85	4.68	-.73	4.77	-.93	3.73	-.46	3.98	.68	2.24	-1.24	9.78	4.32	2.52	-2.15	4.17	1.07	1.85	-.88	.74	-2.28	4.35	-1.00	44.91	-6.45
MAXWELL FIELD	2.35	-	3.53	-	3.97	-	4.72	-	4.72	-	2.98	-	9.71	-	2.75	-	6.63	-	1.04	-	.87	-	4.53	-	-	-
MELVIN	3.55	-	6.01	-	5.46	-	2.71	-	4.12	-	2.75	-	5.87	-	3.87	-	4.44	-	.58	-	1.05	-	6.90	-	47.31	-
MERTZ 3 E	3.94	-	3.76	-	6.37	-	2.23	-	4.20	-	-	-	7.71	-	5.04	-	3.86	-	2.53	-	1.56	-	4.20	-	-	-
MIDWAY	2.79	-	4.97	-	5.95	-	3.49	-	5.59	-	2.81	-	7.36	-	4.83	-	2.17	-	1.45	-	.63	-	3.86	-	45.90	-
MILLERS FERRY	-	-	2.65	-2.81	5.06	-	3.27	-2.49	4.03	.40	1.53	-2.87	10.17	4.53	3.79	-.94	-	-	1.95	-.25	-	-	5.57	-.26	-	-
MILSTEAD	2.03	-2.74	4.34	-1.20	6.06	.31	4.01	-.38	3.01	-.67	2.32	-1.30	13.67	8.34	4.67	.06	2.86	-.05	1.50	-1.28	1.22	-1.86	4.32	-1.35	50.21	-2.12
MITCHELL DAM	-	-	4.02	-	5.76	-	3.90	-	7.15	-	-	-	10.59	-	3.96	-	3.85	-	1.02	-	-	-	3.38	-	-	-
MOBILE WB AIRPORT	2.22	-	1.92	-	9.43	-	6.07	-	4.71	-	7.78	-	14.16	-	8.61	-	7.05	-	2.75	-	.88	-	7.49	-	72.87	-
MOBILE WB CITY	2.27	-1.98	.94	-4.39	9.14	3.16	7.63	3.00	3.05	-1.27	4.23	-1.20	11.46	4.57	6.56	-.36	7.51	2.51	2.42	-1.18	1.51	-3.13	5.64	.62	61.96	.35
MONTE SANO	12.12	-	5.79	-	10.16	-	3.06	-	3.30	-	5.22	-	13.07	-	5.79	-	5.83	-	1.46	-	4.08	-	1.82	-	71.50	-
MONTEVALLO	4.15	-	-	-	4.34	-	4.08	-	6.92	-	-	-	11.02	-	3.05	-	4.54	-	2.80	-	2.74	-	2.92	-	-	-
MONTGOMERY WB AP	2.21	-	3.44	-	5.04	-	2.89	-	2.85	-	2.49	-	7.92	-	3.06	-	8.83	-	.83	-	1.04	-	4.33	-	44.84	-
MONTGOMERY WB CITY	2.23	-2.97	4.13	-1.32	4.15	-1.84	4.04	-.26	3.72	-.12	2.39	-1.41	7.03	2.17	2.35	-1.88	4.50	1.51	.85	-1.61	.83	-2.60	4.06	-.78	40.08	-11.11
MOULTON	11.17	-	9.03	-	6.72	-	3.34	-	7.37	-	3.28	-	6.77	-	8.60	-	1.80	-	.77	-	3.86	-	2.06	-	64.77	-
MUSCLE SHOALS CAA A	13.09	8.23	7.89	3.25	6.99	1.28	4.01	-.59	3.62	-.63	4.07	-.40	6.36	1.74	8.10	4.24	1.38	-1.47	.76	-2.46	3.93	.48	3.17	-1.97	63.37	11.70
NEW BROCKTON	1.69	-	1.92	-	6.60	-	6.15	-	1.67	-	1.13	-	8.82	-	7.01	-	3.75	-	.96	-	1.30	-	4.44	-	45.44	-
NEWBURG	11.63	-	6.62	-	8.51	-	3.43	-	6.53	-	3.88	-	7.64	-	6.78	-	2.34	-	1.58	-	5.12	-	1.89	-	65.95	-
NEW MARKET	11.26	-	6.61	-	8.89	-	1.96	-	3.55	-	2.78	-	8.94	-	5.46	-	4.93	-	.94	-	2.88	-	1.99	-	60.19	-
NEWTON 2 NW	.61	-3.92	4.09	-1.66	3.54	-1.90	2.96	-1.29	2.07	-1.54	.70	-3.86	6.85	1.08	4.98	-.17	4.98	.60	.88	-1.70	1.42	-1.58	4.71	-.04	37.79	-15.90
ONEONTA	6.36	1.10	5.13	-	27.30	4.29	2.22	-2.80	5.25	.81	3.91	-	4.85	3.21	3.65	-1.69	3.49	.52	1.76	-1.28	2.04	-.97	3.68	-1.94	57.41	.50
ORVILLE	2.66	-	-	-	3.73	-	6.31	-	5.92	-	2.63	-	10.00	-	-	-	.60	-	.54	-	-	-	5.33	-	-	-
OZARK	2.70	-1.75	2.16	-3.52	5.95	.61	5.28	1.07	5.81	2.38	1.43	-3.15	11.69	5.53	4.44	-1.13	4.38	.21	.47	-2.11	.73	-2.17	4.53	-.32	49.57	-4.35
PAINT ROCK	9.27	-	8.38	-	8.01	-	2.65	-	2.32	-	4.92	-	14.79	-	5.20	-	5.89	-	1.62	-	2.99	-	2.61	-	68.65	-
PALMERDALE	5.86	-	-	-	-	-	2.41	-	3.78	-	-	-	12.00	-	-	-	2.05	-	1.80	-	1.35	-	-	-	-	-
PELL CITY	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PENNINGTON LOCK 2	3.51	-	3.71	-	5.31	-	3.30	-	7.08	-	2.26	-	5.86	-	3.11	-	2.67	-	1.08	-	.84	-	5.15	-	43.88	-
PERRYVILLE	2.20	-	3.09	-	5.88	-	-	-	7.21	-	1.58	-	9.88	-	3.22	-	2.80	-	1.33	-	-	-	3.49	-	-	-
PETERMAN	1.81	-	2.70	-	5.98	-	4.81	-	1.83	-	3.90	-	9.88	-	6.10	-	2.36	-	1.46	-	.47	-	-	-	-	-
PICKENSVILLE	10.27	-	13.10	-	4.88	-	1.39	-	4.55	-	2.54	-	7.18	-	6.40	-	6.22	-	3.10	-	-	-	4.05	-	-	-
PINE HILL	2.27	-	3.63	-	6.74	-	-	-	2.56	-	2.56	-	5.55	-	5.60	-	1.85	-	1.28	-	-	-	7.58	-	-	-
PINE LEVEL	2.49	-	2.53	-	5.86	-	4.22	-	2.93	-	1.36	-	8.61	-	3.23											

Table 2-Continued

TOTAL PRECIPITATION AND DEPARTURES FROM NORMAL

ALABAMA
1950

Station	January		February		March		April		May		June		July		August		September		October		November		December		Annual	
	Precip	Departure	Precip	Departure	Precip	Departure	Precip	Departure	Precip	Departure	Precip	Departure	Precip	Departure	Precip	Departure	Precip	Departure	Precip	Departure	Precip	Departure	Precip	Departure	Precip	Departure
WIDOWS CREEK STM PL R	-	-	-	-	-	-	-	-	1.55	-	-	-	7.30	-	4.83	-	7.34	-	86	-	2.80	-	2.56	-	-	-
WILSON DAM	14.78	-	2.62	-	7.49	-	2.00	-	4.71	-	3.65	-	6.77	-	8.41	-	3.38	-	87	-	4.59	-	3.43	-	68.52	-
WINDFIELD 2 S	10.14	-	9.11	-	9.39	-	2.69	-	3.30	-	3.47	-	5.59	-	8.74	-	4.12	-	83	-	2.98	-	2.81	-	64.11	-
YATES HYDRO PLANT	2.76	-1.94	3.86	-	5.74	-28	4.77	-36	3.15	-94	2.18	-1.71	11.05	-	5.39	-2.86	5.39	-2.63	1.41	-1.19	77	-2.40	4.52	-1.00	49.64	-2.19
YOUNGS STORE	16.8	-	3.05	-	7.40	-	1.21	-	3.28	-	1.47	-	6.07	-	1.84	-2.86	5.39	-	1.05	-	6.20	-	3.59	-	-	-

TEMPERATURE EXTREMES AND FREEZE DATA

Table 3

Station	Highest	Date	Lowest	Date	Last spring minimum of			First fall minimum of			No of days between dates		
					24° or below	28° or below	32° or below	32° or below	28° or below	24° or below	24° or below	28° or below	32° or below
ALBERTVILLE 1 S	96	6-16	0	11-25	3-10 (24°)	4- 7 (27°)	4-21 (32°)	11- 5 (32°)	-	11-13 (24°)	248	-	198
ALEXANDER CITY 6 NE	97	6-26	5	11-25	3-10 (24°)	4- 7 (25°)	4-21 (32°)	11- 5 (30°)	11- 6 (27°)	11-12 (20°)	247	-	198
ANDALUSIA	100	6-28	16	11-25	None	None	None	11-12 (30°)	11-25 (16°)	11-25 (16°)	-	-	219
ANNISTON CAA AP	96	6-18	5	11-25	2-20 (24°)	3-31 (26°)	4-21 (31°)	11- 5 (32°)	11-11 (24°)	11-11 (24°)	264	225	198
ATMORE STATE FARM	101	6-27	17	11-25	None	None	3-14 (32°)	11- 5 (32°)	11-25 (17°)	11-25 (17°)	-	-	236
AUBURN	98	6-27	9	11-25	None	3-31 (26°)	4-14 (31°)	11- 6 (31°)	11-25 (9°)	11-25 (9°)	-	-	206
BAY MINETTE	98	6-27	19	11-25	None	None	3-14 (32°)	11-12 (30°)	11-25 (19°)	11-25 (19°)	-	-	243
BELLE MINA 2 N	96	6-18	0	11-25	None	4-15 (28°)	4-21 (31°)	11- 5 (30°)	11-11 (24°)	11-11 (24°)	-	-	210
BIRMINGHAM WB AP	96	6-18	5	11-25	None	4- 7 (27°)	4-16 (32°)	11-11 (27°)	11-11 (27°)	11-12 (23°)	-	-	218
BIRMINGHAM WB CITY	97	6-15	5	11-25	None	2-17 (28°)	4-15 (31°)	11- 5 (32°)	11-12 (26°)	11-24 (21°)	-	-	204
BREWTON 3 SSE	101	6-27	16	11-26	None	4- 7 (25°)	4-16 (31°)	11- 5 (29°)	11-12 (27°)	11-13 (24°)	-	-	203
CAMDEN	100	6-25	13	11-25	-	-	4- 7 (31°)	11- 5 (32°)	11-12 (26°)	11-25 (13°)	-	-	212
CAMP HILL 2 NW	97	6-26	6	11-25	2-18 (24°)	4- 7 (28°)	4-16 (32°)	11- 5 (31°)	11-12 (26°)	11-25 (6°)	280	-	203
CENTREVILLE	99	6-18	10	11-26	None	3- 9 (28°)	4-15 (32°)	11-12 (27°)	11-12 (27°)	11-24 (14°)	-	-	211
CHATOM	100	6-27	18	11-25+	None	4- 7 (28°)	4-16 (30°)	11- 5 (29°)	11-12 (20°)	11-12 (20°)	-	-	203
CITRONELLE	97	6-27	20	11-25	None	None	None	11-12 (30°)	11-25 (20°)	11-25 (20°)	-	-	-
CLANTON	99	6-27	8	11-25	None	3- 9 (27°)	4-15 (32°)	11- 5 (32°)	11-12 (27°)	11-25 (8°)	-	-	204
CORDOVA	98	6-18	6	11-25	3-10 (24°)	4-14 (28°)	4-21 (31°)	11- 5 (28°)	11- 5 (28°)	11-12 (19°)	247	-	198
DAYTON	98	8-22	13	11-25	None	2-17 (27°)	4- 7 (32°)	11- 5 (31°)	11-12 (25°)	11-25 (13°)	-	-	212
DECATUR	95	6-18	3	11-25	3- 2 (22°)	3- 2 (22°)	4-14 (30°)	11-11 (28°)	11-11 (28°)	11-24 (18°)	267	-	211
DOTHAN CAA AP	102	6-27	17	11-25	None	None	3-14 (32°)	11- 6 (31°)	11-24 (22°)	11-24 (22°)	-	-	237
EUPAULIA	103	6-25	12	11-25	None	3-10 (28°)	4- 7 (30°)	11-12 (27°)	11-12 (27°)	11-24 (27°)	-	-	219
EVERGREEN CAA AP	99	6-18	15	11-25	None	3-31 (28°)	4-16 (31°)	11- 5 (31°)	11-12 (26°)	11-24 (20°)	-	-	208
FAIRHOPE	97	6-26+	21	11-25	None	3-14 (26°)	3-23 (32°)	11- 5 (32°)	11-24 (26°)	11-25 (21°)	-	-	227
FAYETTE	98	6-27	6	11-25	2-20 (24°)	4-16 (28°)	4-21 (30°)	11- 5 (29°)	11-11 (28°)	11-12 (20°)	265	-	198
FORT MORGAN	96	6-26	26	11-25	None	None	None	11-25 (26°)	11-25 (26°)	None	-	-	-
FRISCO CITY	98	6-18	15	11-25	None	None	3-31 (31°)	11- 5 (30°)	11-12 (26°)	11-25 (15°)	-	-	219
GADSDEN	98	6-18	4	11-25	3-31 (24°)	4-16 (28°)	4-21 (30°)	11- 6 (28°)	11- 6 (28°)	11-12 (20°)	226	-	199
GENEVA	103	6-28	18	11-25	None	2-21 (28°)	4- 7 (32°)	11- 6 (31°)	11-25 (18°)	11-25 (18°)	-	-	213
GOODWATER	97	6-27	6	11-25	None	4- 7 (27°)	4-14 (30°)	11- 5 (31°)	11-24 (25°)	11-25 (6°)	-	-	205
GREENSBORO	99	6-17	12	11-25	None	2-17 (27°)	4-14 (32°)	-	-	-	-	-	-
GREENVILLE	99	6-18	18	11-25+	None	None	3-31 (32°)	11-12 (28°)	11-12 (28°)	11-25 (18°)	-	-	226
HALEVILLE	92	6-26	0	11-25	3- 2 (24°)	4-14 (28°)	4-15 (31°)	11- 5 (30°)	11-12 (25°)	11-24 (15°)	267	-	204
HEADLAND	101	6-27	20	11-24	-	-	-	-	-	-	-	-	-
HIGHLAND HOME	97	6-27	10	11-25	None	None	3- 9 (29°)	11-12 (24°)	11-12 (24°)	11-12 (24°)	-	-	248
HUNTSVILLE WB AWY	95	6-18	1	11-25	2-17 (24°)	4-15 (27°)	4-21 (31°)	11- 5 (31°)	11-11 (27°)	11-12 (21°)	268	-	198
LA FAYETTE	98	6-26	6	11-25	None	3-14 (28°)	4-14 (30°)	11-12 (27°)	11-12 (27°)	11-24 (24°)	-	-	212
LINCOLN	-	-	-	-	3-14 (23°)	4-16 (28°)	4-21 (32°)	-	-	-	-	-	-
LIVINGSTON	97	6-18	13	11-25	None	2-17 (28°)	4-16 (32°)	11- 5 (30°)	11-12 (23°)	11-12 (23°)	-	-	203
LOCKHART	99	6-28	17	11-25	None	None	3-31 (32°)	11-22 (31°)	11-25 (17°)	11-25 (17°)	-	-	236
MADISON	95	6-19	0	11-25	None	3-10 (27°)	4-16 (32°)	11- 5 (29°)	11-11 (26°)	11-21 (24°)	-	-	203
MARION JUNCTION 2 NE	98	6-18	11	11-25	None	3-10 (28°)	4-14 (32°)	11- 5 (31°)	11-12 (24°)	11-12 (24°)	-	-	205
MAXWELL FIELD	99	6-18	14	11-25	None	None	3- 9 (32°)	11-12 (30°)	11-24 (21°)	11-24 (21°)	-	-	248
MOBILE WB AP	99	6-27	22	11-25	None	None	2-17 (32°)	11- 5 (32°)	11-24 (25°)	11-25 (22°)	-	-	261
MOBILE WB CITY	100	6-27	22	11-25	None	None	None	11-24 (29°)	11-25 (22°)	11-25 (22°)	-	-	-
MONTGOMERY WB AP	99	6-27	13	11-25	None	None	4- 7 (31°)	11- 6 (32°)	11-12 (26°)	11-24 (20°)	-	-	213
MONTGOMERY WB CITY	97	6-17	12	11-25	None	None	None	11-12 (31°)	11-24 (28°)	11-25 (12°)	-	-	-
MUSCLE SHOALS CAA AP	98	6-26	2	11-25	1- 7 (24°)	3-14 (27°)	4-14 (29°)	11- 5 (32°)	11-11 (25°)	11-24 (8°)	321	-	205
ONEONTA	97	6-19	2	11-25	2-27 (24°)	4-14 (27°)	4-21 (32°)	-	-	-	-	-	-
OZARK	101	6-27	14	11-25	None	None	3-14 (31°)	11-12 (32°)	11-25 (14°)	11-25 (14°)	-	-	243
PELL CITY	-	-	-	-	-	-	-	11- 5 (32°)	11-12 (25°)	11-25 (5°)	-	-	-
PRATTVILLE	98	6-18	13	11-25	None	3- 9 (28°)	4- 7 (31°)	11- 6 (32°)	11-12 (27°)	11-25 (13°)	-	-	213
PUSHMATAHA	98	6-18	15	11-25	None	3-10 (28°)	4-16 (32°)	11- 5 (31°)	11-12 (23°)	11-12 (23°)	-	-	203
ROBERTSDALE 7 E	97	6-7	20	11-25	None	None	3-31 (31°)	11-12 (32°)	11-25 (20°)	11-25 (20°)	-	-	226
ROCK MILLS	98	6-26	6	11-25	2-18 (23°)	4- 7 (26°)	4-16 (30°)	11- 6 (28°)	11- 6 (28°)	11-12 (23°)	267	-	204
SAINT BERNARD	95	6-19	2	11-26	2-18 (24°)	4-14 (28°)	4-21 (30°)	11- 5 (32°)	11-11 (27°)	11-12 (23°)	267	-	198
SAND MTN STATE FARM AP	-	-	-1	11-25	3- 2 (24°)	4-15 (28°)	4-21 (32°)	11- 5 (32°)	11-11 (28°)	11-11 (23°)	254	-	198
SCOTTSBORO	97	6-18	1	11-25	2-27 (23°)	4-15 (28°)	4-21 (30°)	11- 5 (32°)	11-11 (27°)	11-12 (21°)	258	-	210
SELMA	99	6-18	13	11-25	None	None	4- 7 (32°)	11-12 (26°)	11-12 (26°)	11-25 (13°)	-	-	-
SPRING HILL	99	6-28	-	-	None	None	3-14 (32°)	-	-	-	-	-	-
TALLADEGA	95	6-18	5	11-25	3-31 (24°)	4- 7 (25°)	4-21 (32°)	11- 5 (32°)	11-12 (21°)	11-12 (21°)	226	-	198
THOMASVILLE	98	6-18	14	11-25	None	None	3-30 (32°)	11- 5 (29°)	11-12 (28°)	11-25 (14°)	-	-	226
TROY	99	6-19	12	11-25	None	None	3-14 (30°)	11- 5 (32°)	11-21 (28°)	11-25 (12°)	-	-	236
TUSCALOOSA CAA AP	99	6-18	10	11-25	None	3-10 (28°)	4-16 (31°)	11- 5 (32°)	11-11 (27°)	11-24 (20°)	-	-	203
TUSKEGEE	99	6-19	12	11-25	None	2-18 (28°)	4- 7 (32°)	11- 6 (32°)	11-25 (12°)	11-25 (12°)	-	-	213
UNION SPRINGS	99	6-26	15	11-25	None	2-17 (28°)	4- 7 (32°)	11-12 (27°)	11-12 (27°)	11-24 (21°)	-	-	219
UNIVERSITY	98	8-15	6	11-25	None	2-17 (27°)	4-14 (31°)	11- 5 (30°)	11-11 (28°)	11-12 (23°)	-	-	205
VALLEY HEAD	97	6-20	-2	11-25	4-15 (24°)	4-21 (27°)	4-21 (27°)	11- 5 (29°)	11-11 (27°)	11-12 (19°)	211	-	198
WETUMPKA	99	6-25	12	11-25	None	None	4- 7 (32°)	11-12 (28°)	11-12 (28°)	11-25 (12°)	-	-	219

See reference notes following Station Index

TOTAL EVAPORATION AND WIND MOVEMENT

ALABAMA
1950

Station		Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Annual	Departure fr normal
	EVAP	2.47	3.54	5.68	6.27	7.95	8.78	*	*	21.05B	4.77	2.96B			
	WIND	1610	1410	2245	1383	1138	1040	1099	1183	1535	1498	1214			
	EVAP	2.05	2.65	4.34B	4.65B	6.37	6.33B	5.21B	5.98B	4.74B	4.16B	2.53			
	DEP	.07	.29	.70	.26	.25	.13	.67	.37	.21	.48	.16			
	WIND	497	695	1020	908	564	602	451	552	621	668	869			

REFERENCE NOTES

otherwise indicated, dimensional units used in this bulletin are: Temperature in °F; precipitation and evaporation in inches, and wind movement in miles. Evaporation is measured by the standard Weather Bureau type pan of 4 foot diameter unless otherwise shown by foot following Table 4.

For digit identification numbers in the Index are assigned on a state basis. There is no duplication of numbers within a state. Figures and letters following the station number such as (2SSW) indicates distance in miles and direction from the Post Office.

Final data and corrections will be carried only in the June and December issues of Climatological Data.

-	No record
+	Also later date (dates) or months.
//	Gage is equipped with a windshield.
B	Adjusted to full month.
E	Water equivalent of snowfall wholly or partially estimated, using a ratio of 1 inch water equivalent to every 10 inches of new snowfall.
M	1 to 9 days' record missing; see monthly Climatological Data for detailed daily record.
R	Station equipped with a recording gage only.
T	Trace, an amount too small to measure.
V	Includes total for previous month.

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W.R.P.C., Chattanooga, Tenn.---4/4/51 ---1050

STATION INDEX

ALABAMA
1950

Station	Index No.	County	Drainage	Latitude	Longitude	Elevation	Temp.	Precip.	Evap.	Years of record	Opened or closed during yr.	Refer to tables	Station	Index No.	County	Drainage	Latitude	Longitude	Elevation	Temp.	Precip.	Evap.	Years of record	Opened or closed during yr.	Refer to tables
ABSEVILLE	0008	HENRY	4	31 34 85 15								2	LEEDS	4618	JEFFERSON	3	33 33 86 33		636				34		2
ADDITION	0063	WINSTON	2	34 11 87 10								2	4627	CHEROKEE	7	34 11 85 45		589				58		2	
ALABAMA CENTRAL TOWER	0071	LAWRENCE	2	33 25 87 18		1500						2	4734	TALLADEGA	7	33 37 86 07		510				2		2	
ALABAMA STATE FARM	0117	LIMESTONE	12	34 41 86 53		600						2	4798	SUMTER	13	32 53 88 11		160	52			48		1 2 3	
ALBERTA	0140	WILCOX	1	32 14 87 25		175					JAN	2	4822	COVINGTON	9	31 01 86 22		290	13			13		1 2 3	
ALBERTVILLE 1 S	0148	MARSHALL	12	34 16 86 13		1114	25	25				1 2 3	4855	TUSCALOOSA	2	33 29 87 20		280				12		2	
ALEXANDER CITY 6 NE	0163	TALLAPOOSA	11	32 58 85 52		660	8	8				1 2 3	4976	MADISON	12	34 42 86 45		573	57			37		1 2 3	
ALICEVILLE	0178	PICKENS	12	33 36 88 10		880						2	4996	JEFFERSON	3	33 30 86 51		654				14		2	
ANDALUSIA	0252	COVINGTON	6	31 19 86 30		346	13	13				1 2 3	5004	MARENGO	2	32 08 87 39		631				8		2	
ANNISTON CAA AIRPORT	0272	CALHOUN	7	33 35 85 51		599	4	4				1 2 3	5108	PERRY	2	32 37 87 18		280	8			59		2	
ARLEY	0338	WINSTON	2	34 04 87 13								2	5116	DALLAS	3	32 26 87 14		204				13		2	
ASHLAND	0369	CLAY	11	33 16 85 50								2	5121	DALLAS	3	32 28 87 13		200	1			13		1 2 3	
ASHVILLE	0377	ST. CLAIR	7	33 50 86 16		880	35	35				2	5140	TALLAPOOSA	11	32 40 85 55		340				26		2	
ATHENS	0390	LIMESTONE	12	34 46 86 59		769	10	10				1 2 3	5202	MONTGOMERY	1	32 25 86 25		185	17			17		1 2 3	
ATMORE STATE FARM	0402	ESCAMBIA	8	31 10 87 29			7	7				2	5354	CHOCTAW	13	31 56 88 27		300				10		2	
AUBURN	0422	LEE	11	32 36 85 30		732	59	73	4			1 2 3 4	5382	BIBB	3	32 53 87 20		690				10		2	
AUBURN SCS 10	0427	LEE	11	32 36 85 29								2	5397	BULLOCK	5	32 04 85 32		400				10		2	
AUTAGAULVA	0440	AUTAGAULVA	1	32 36 86 39								2	5417	WILCOX	1	32 06 87 22		78				20		2	
BARTON	0546	CALHOUN	12	34 43 87 52		463	28	28				1 2 3	5439	MACON	11	32 27 85 54		206				50		2	
BAY WITTETTE	0553	BALDWIN	9	30 53 87 47								2	5465	CHILTON	8	32 48 86 27		380				12		2	
BEATRICE	0616	MONROE	1	31 44 87 13		230						2	5478	MOBILE	9	30 41 88 14		212	7			7		1 2 3	
BELOREEM	0631	FRANKLIN	12	34 28 87 52		910	19	19				2	5483	MOBILE	9	30 42 88 02		10	79			80		1 2 3	
BELLE MINA 2 N	0655	LIMESTONE	12	34 42 86 54		600	2	2				1 2 3	5529	DALLAS	12	34 45 86 31		1650	11			7		2	
BERRY	0748	FAYETTE	2	33 40 87 36		452	5	5				2	5537	SHELBY	3	33 06 86 53		462				10		1 2 3	
BERAZ 2 SE	0790	MARION	13	34 12 88 09								2	5550	MONTGOMERY	1	32 18 86 24		198	7			2		2	
BILLINGSLEY	0823	AUTAGAULVA	1	32 40 86 43		375	12	12				2	5555	MONTGOMERY	1	32 23 86 18		201	79	79				1 2 3	
BIRMINGHAM WB AIRPORT	0831	JEFFERSON	2	33 32 86 50		694	63	63				1 2 3	5625	LAWRENCE	12	34 29 87 17		630				12		2	
BIRMINGHAM WB CITY	0836	JEFFERSON	2	33 32 86 50		694	63	63				1 2 3	5749	CALHOUN	12	34 45 87 37		540	61	67				1 2 3	
BISPOH	0854	CALHOUN	2	33 38 88 05		470	13	13				2	5842	COFFEE	5	31 23 85 56		450				10		2	
BOAZ	0957	MARSHALL	2	34 13 86 10								2	5847	FRANKLIN	12	34 29 87 35		660				2		2	
BRANTLEY	1069	CRENSHAW	6	31 35 86 16		284	21	21				2	5862	MADISON	12	34 54 86 26		725				8		2	
BRENTON 3 SSE	1084	ESCAMBIA	6	31 04 87 03		85	33	33				1 2 3	5875	DALE	5	31 20 85 37		216				35		2	
BRIDGEPORT 2 W	1099	JACKSON	12	34 56 87 44		860	8	8				2	6121	BLOUNT	12	37 86 30		827				40		1 2 3	
BRUNDRIDGE	1178	PIKE	5	31 43 85 49		515	21	21				2	6161	DALLAS	1	32 18 87 14		200				10		2	
CALERA	1288	SHELBY	7	33 06 86 45		500	51	51				2	6218	DALE	5	31 23 85 39		400	49	61				1 2 3	
CAMDEN	1300	WILCOX	1	32 00 87 20		225	1	1			JAN	1 2 3	6226	JACKSON	12	34 40 86 20		610				15		2	
CAMPBELL	1315	CLARKE	13	31 55 87 59								2	6246	JEFFERSON	3	33 44 86 39						3		2	
CAMP HILL 2 NW	1324	TALLAPOOSA	11	32 50 85 39		680	2	2				1 2 3	6327	ST. CLAIR	3	33 34 86 18		480	1			3		1 2 3	
CARBON HILL	1377	WALKER	2	33 87 32		430	10	10				2	6335	CHOCTAW	13	32 08 88 32		20				27		2	
CENTER GROVE	1492	MORGAN	12	34 23 86 38		780	34	34				2	6362	PERRY	3	32 37 87 08						9		2	
CENTREVILLE	1520	BIBB	3	32 57 87 08		230	34	34				1 2 3	6370	MONROE	1	31 35 87 16						10		2	
CHATO	1566	WASHINGTON	13	31 28 88 15		195	2	2				1 2 3	6414	PICKENS	13	33 13 86 16		163				10		2	
CHILDERSBURG	1615	TALLADEGA	7	33 37 86 21		480	14	14				2	6460	WILCOX	1	31 59 87 36		113				10		2	
CITRIVILLE	1685	MOBILE	9	31 05 87 14		601	13	13				1 2 3	6468	MONTGOMERY	6	32 04 86 04		62				10		2	
CLANTON	1694	CHILTON	7	32 51 86 38		590	58	58				1 2 3	6508	DALLAS	1	32 39 86 56		240				11		2	
CLAYTON	1725	BALDWIN	9	31 53 85 27		590	23	23				2	6521	JACKSON	12	34 57 85 55		633				2		2	
COFFEE SPRINGS	1807	GENEVA	4	31 10 85 55		255	28	28				2	6526	DALLAS	3	32 10 86 55						6		2	
COLLINSVILLE	1849	DEKALB	7	34 15 85 52		734	13	13				2	6640	AUTAGAULVA	1	32 28 86 28		281	52			49		1 2 3	
COLUMBIA	1865	SHARPE	5	31 18 85 06		139	15	15				2	6684	MONTGOMERY	1	32 20 86 15		180				30		2	
CORDOVA	1940	WALKER	2	33 46 87 13		334	30	30				1 2 3	6719	CHOCTAW	13	32 12 88 21		60				60		1 2 3	
CUBA	2079	SUMTER	13	32 26 88 23		215	11	11				2	6805	FRANKLIN	12	34 27 88 09		627				2		2	
DADEVILLE	2118	TALLAPOOSA	11	32 50 85 45		760	38	38				2	6847	PICKENS	13	33 23 88 01		242				23		2	
DADEVILLE NO 2	2124	TALLAPOOSA	11	32 50 85 46		730	10	10				2	6937	COVINGTON	6	31 21 86 32		223				23		2	
DANCY	2141	PICKENS	13	33 01 88 17		207	45	45				2	6942	COVINGTON	6	31 23 86 33						7		2	
DANVILLE	2149	MORGAN	4	34 25 87 04		595	2	2				2	6988	BALDWIN	9	30 33 87 48		150	21	39				1 2 3	
DAYTON	2188	MARENGO	13	32 21 87 39		3	11	11				1 2 3	7025	RANDOLPH	5	33 09 85 18		745	16	20				1 2 3	
DECATUR	2207	MORGAN	12	34 37 86 58		573	69	72				1 2 3	7157	CULLMAN	1	34 12 86 47		802	44	44				1 2 3	
DECATUR NO 4	2216	MORGAN	12	34 37 86 59		600	62	62				2	7207	DE KALB	12	34 17 85 58		1195				2		2	
DECATUR SUBSTATION	2221	MORGAN	12	34 36 86 58		588	2	2				2	7282	JEFFERSON	2	33 43 86 58		304	13					2	
DEMOPOLIS LOCK 4	2240	MARENGO	13	32 31 87 51		100	61	61				2	7304	JACKSON	12	34 41 86 02		660	68	69				1 2 3	
DOTMAN CAA AIRPORT	2372	HOUSTON	5	31 14 85 26		322	13	13				1 2 3	7310	JACKSON	12	34 41 86 01		660				2		2	
ELBA	2377	COFFEE	10	31 25 86 04		204	23	23				2	7328	RUSSELL	4	32 18 86 07		358				26		2	
ELBOD	2632	TUSCALOOSA	12	33 15 87 48		252	11	11				2	7366	DALLAS	1	32 25 87 00		147	71			71		1 2 3	
EUFALA	2727	BARBOUR	4	31 53 85 08		254	67	67				1 2 3	7415	COLBERT	12	34 46 87 42		605				2		2	
EUTAW LOCK NO 7	2742	GREENE	4	32 47 87 50		114	14	14				2	7460	LIMESTONE	12	34 51 87 12		510				2		2	
EVERGREEN	2758	CONECUH	6	31 26 86 58		340	67	67			MAR	1 2 3	7576	GENEVA	5	31 06 85 35						3		2	
EVERGREEN CAA AIRPORT	2763	CONECUH	6	31 25 87 02		257	2	2				1 2 3	7620	WILCOX	1	32 07 87 01		225				13		2	
FAIRHOPE	2813	BALDWIN	9	30 32 87 55		23	33	33				1 2 3 4	7671	DE KALB	1										

